

MONTANA

BOARD OF INVESTMENTS

DECEMBER 10, 2025

BOARD MEETING

VIA ZOOM

MONTANA

BOARD OF INVESTMENTS

REGULAR BOARD MEETING
DECEMBER 10, 2025
REMOTE

COMMITTEE MEETINGS

A. Audit Committee – Mark Barry, Chair	
Committee Members – Iverson, Younkin	
9:00 AM	
1. Public Comment – <i>Public Comment on issues with Committee Jurisdiction</i>	
2. Approval of October 14, 2025, Committee Minutes	
3. Executive Director Comments	
4. Audit Checklist	
5. Annual Statutory Compliance Checklist – Decision	
6. Audit Committee Charter Review - Decision	
7. Draft FY 2025 Annual Report – Decision	
8. Draft FY 2025 Financial Statements - Decisions	
Tab 1	CALL TO ORDER – Jeff Meredith, Chairman
9:30 AM	
A. Notice of Video Recording of Meeting	
B. Roll Call	
C. Public Comment – <i>Public Comment on issues with Board Jurisdiction</i>	
D. Approval of October 14, 2025, Meeting Minutes	
E. Administrative Business	
1. Audit Committee Report – Decisions	
F. Comments from TRS and PERS Board Members	
G. Comments from Board Legislative Liaisons	
Tab 2	EXECUTIVE DIRECTOR REPORTS – Dan Villa
9:45 AM	
A. Member Requests from Prior Meeting	
B. Monthly Snapshot	
C. LPAC Reporting	
D. Securities Litigation Annual Review	
E. Policy 10.217 – Reauthorization of Investment Vendors	
F. Budget Status YTD	
G. Authorization to Proceed with Land Purchase – Decision	
Tab 3	MONTANA LOAN PROGRAM – Doug Hill, Director of Commercial Loans
10:15 AM	
A. Commercial and Residential Portfolios Report	
Tab 4	MUNICIPAL LOAN PROGRAM – Louise Welsh, Director of Municipal Loans
10:30 AM	
A. INTERCAP	
1. Activity Report	
2. Staff Approved Loans Report	
B. MHIR Bond Program Portfolio Report	
Tab 5	MPERA AND TRS RELATIONSHIP
10:45 AM	
Bill Holahan, Executive Director, MPERA	
Shawn Graham, Executive Director, TRS	
Tab 6	INVESTMENT POLICY STATEMENTS – Decision
11:00 AM	
Tab 7	RVK
11:15 AM	
Tab 8	INVESTMENT UPDATE
12:00 PM	

TAB 1

MONTANA

BOARD OF INVESTMENTS

REGULAR BOARD MEETING MINUTES

OCTOBER 14, 2025

Official meeting minutes are the recordings posted at <https://leg.mt.gov/lrd/>
(timestamps may differ)

Call to Order

Board Chair Jeff Meredith called the Board of Investments meeting to order at 11:42 a.m. on Tuesday, October 14, 2025.

Attendance

Board Members Present: Jeff Meredith, Maggie Peterson, Tim Kober, Mark Barry, Cindy Younkin, Porter Bennett, John Milanovich

Board Members Absent: Dan Trost, Dwaine Iverson

Legislative Liaisons Present: Representative Larry Brewster

Legislative Liaisons Absent: Senator Shane Morigeau

Board Staff Present: Brenda Thomas, Dan Villa, Doug Hill, Eron Krpan, Ethan Hurley, Jason Brent, Jessilynn Salois, John Carpenter, John Romasko, Jon Putnam, Julie Feldman, Kirsten Haswell, Louise Welsh, Mark Lodman, Peggy MacEwen, Peggy Saarela, Polly Boutin, Roberta Diaz, Sam Holman, Savannah Morgan, Sheli Jacoby, Steve Strong, Tammy Lindgren, Thomas Winkler, Tim House, Willie Gross

Interested Parties Present: Becky Gratsinger – RVK; Paige Blaser – RVK; John Kevin Baload – With Intelligence; Emily Gallagher – Financial Times

Tab 1 CALL TO ORDER (00:05 – First Recording)

A. Notice of Video Recording (00:13)

Chair Meredith advised that the meeting would be audio and video-recorded.

B. Roll Call (00:20)

The roll was taken. Seven Board members were present, forming a quorum.

C. Public Comment (01:10)

Chair Meredith asked for public comment. None was given.

D. Approval of Minutes (01:30)

August 20, Regular Board Meeting Minutes

Member Peterson motioned to approve the meeting minutes. Member Kober seconded the motion, which passed unanimously.

E. Administrative Business

1. Audit Committee Report (01:53)

Committee Chair Barry briefed the Board.

Chair Barry motioned to approve the SOC 1, Type 2 Audit Report as presented to the

Audit Committee and the Board/Staff Disclosure Reporting form. Member Peterson seconded the motion, which passed unanimously.

2. Loan Committee Report (04:45)

Committee Chair Kober briefed the Board.

3. Human Resources Committee Report (05:42)

Committee Chair Peterson briefed the Board.

Chair Peterson motioned to approve the implementation of the FY26 strategic pay plan, adjust the personal services budget accordingly, and accept the exempt staff reviews as presented. Member Younkin seconded the motion, which passed unanimously.

F. Comments from Pension Board Members (08:00)

Member Peterson briefed the Board. Member Trost was absent.

G. Comments from Legislative Liaisons (09:44)

Representative Larry Brewster noted that he is learning a lot from attending the meetings.

Tab 2 EXECUTIVE DIRECTOR REPORTS (10:45)

A. Member Requests from Prior Meeting

Executive Director Villa briefed the Board.

B. Monthly Snapshot

Executive Director Villa briefed the Board.

C. Securities Lending

Executive Director Villa briefed the Board.

D. Policy 10.700 Revision - *Decision*

Executive Director Villa briefed the Board and answered questions.

Chair Meredith called for a motion to approve the proposed revisions to Policy 10.700. Member Barry motioned to approve. Member Peterson seconded the motion, which passed unanimously.

E. 2026 & 2027 Board Meeting Calendars/Work Plans - *Decisions*

Executive Director Villa briefed the Board.

Chair Meredith called for a motion to approve the proposed calendars and work plans. Member Barry motioned to approve. Member Peterson seconded the motion, which passed unanimously.

Tab 3 FIRST READING – ASSET ALLOCATION – POTENTIAL DECISION (17:37)

Jon Putnam briefed the Board and answered questions.

Chair Meredith called for a motion to approve the Asset Allocation as presented. Member Younkin motioned to approve. Member Peterson seconded the motion, which passed unanimously.

Tab 3 PRIVATE INVESTMENTS ASSET CLASS REVIEW (52:40)

Thomas Winkler and Willie Gross briefed the Board and answered questions.

RECAP OF STAFF TO-DO LIST AND ADJOURNMENT (01:59:53)

Chair Meredith adjourned the meeting at 2:48 p.m.

MONTANA BOARD OF INVESTMENTS

APPROVE: _____
Jeff Meredith, Board Chair

ATTEST: _____
Dan Villa, Executive Director

DATE: _____

TAB 2

MONTANA

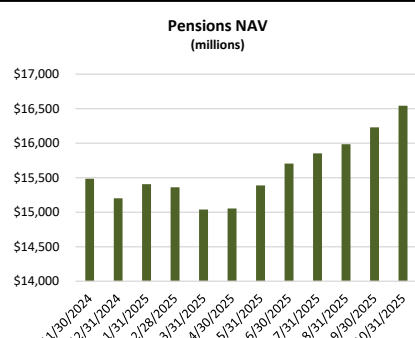
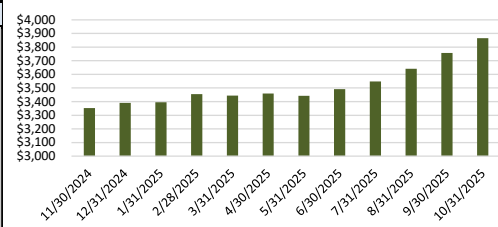
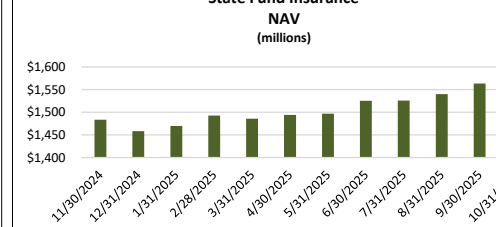
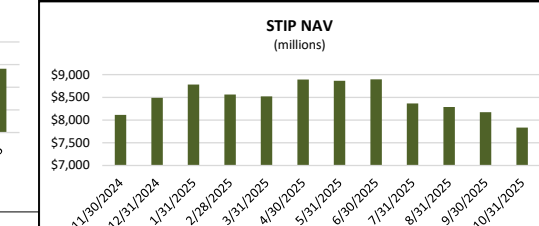
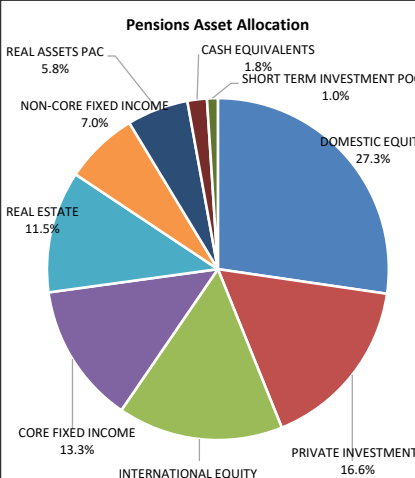
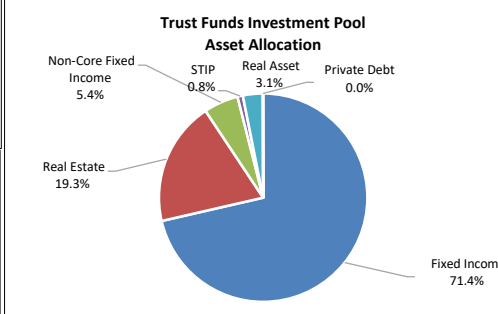
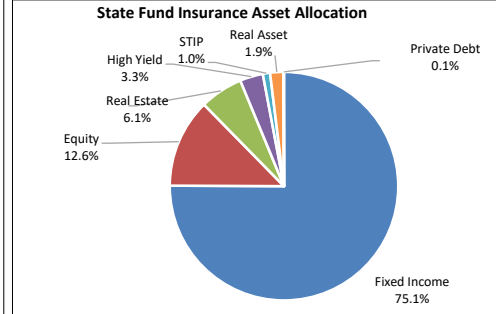
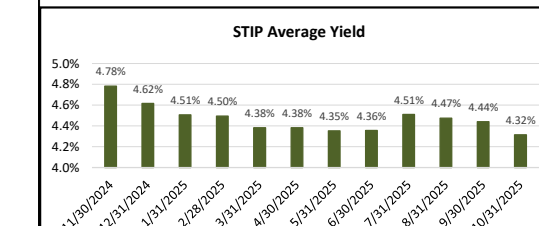
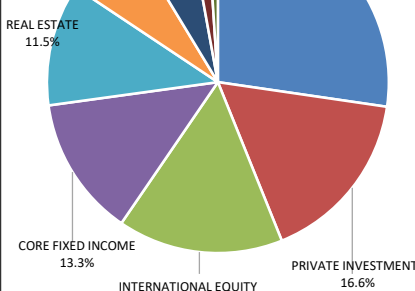
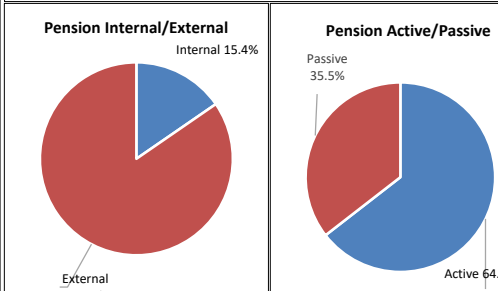
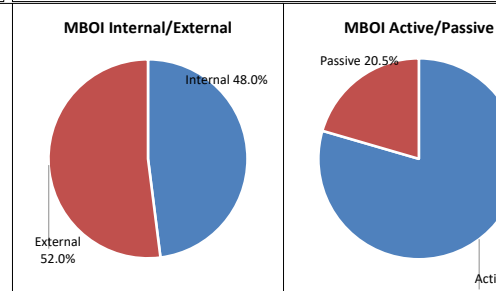
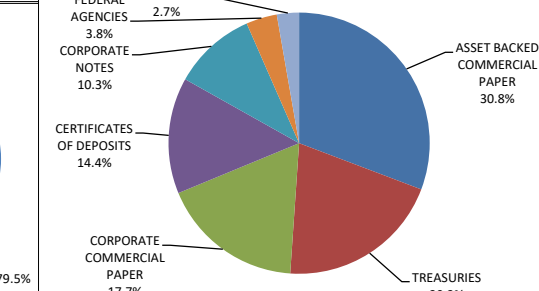
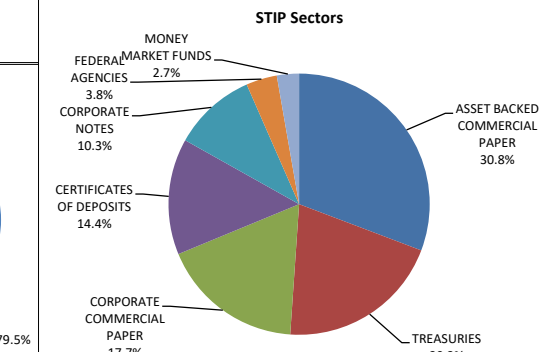
BOARD OF INVESTMENTS

TO: Members of the Board
FROM: Dan Villa, Executive Director
DATE: December 10, 2025
RE: Executive Director Report

- A. Member Requests from Prior Meeting
- B. Monthly Snapshot – *Attached*
- C. LPAC Reporting – *Attached*
- D. Securities Litigation Annual Review – *Attached*
- E. Policy 10.217 – Reauthorization of Investment Vendors - *Attached*
- F. Budget Status YTD – *Attached*
- G. Authorization to Proceed with Land Purchase - ***Decision***

Pursuant to HB5, Section 17, I ask the Board to approve the following motion:


“I move the Executive Director be authorized to purchase land for construction of a behavioral health facility pursuant to HB5 subject to approval of the Office of Budget and Program Planning.”

MBOI Snapshot																						
Asset Management View																						
10/31/2025 Unaudited																						
Assets Under Management \$29,884,465,114																						
Pensions			NAV		%		TFIP		NAV		%		State Fund		NAV		%		Other Fixed Income & Pending		\$ 83,629,851	
DOMESTIC EQUITY			\$ 4,517,677,428		27.3%		Fixed Income		\$ 2,765,055,254		71.53%		Fixed Income		\$ 1,156,972,373		75.07%					
PRIVATE INVESTMENTS			\$ 2,744,690,278		16.6%		Real Estate		\$ 739,804,867		19.14%		Equity		\$ 193,879,849		12.58%					
INTERNATIONAL EQUITY			\$ 2,589,251,044		15.7%		Non-Core Fixed Income		\$ 207,456,794		5.37%		Real Estate		\$ 94,044,121		6.10%					
CORE FIXED INCOME			\$ 2,195,576,949		13.3%		Real Asset		\$ 119,243,700		3.08%		High Yield		\$ 50,392,643		3.27%					
REAL ESTATE			\$ 1,907,267,502		11.5%		STIP		\$ 32,067,524		0.83%		Real Asset		\$ 29,274,269		1.90%					
NON-CORE FIXED INCOME			\$ 1,155,216,648		7.0%		Private Debt		\$ 1,891,624		0.05%		STIP		\$ 15,736,200		1.02%					
REAL ASSETS PAC			\$ 960,149,641		5.8%		TFIP Total		\$ 3,865,519,764		100.00%		Private Debt		\$ 810,695		0.05%					
CASH EQUIVALENTS			\$ 304,622,763		1.8%								State Fund Total		\$ 1,541,110,151		100.00%					
SHORT TERM INVESTMENT POOL			\$ 168,956,786		1.0%																	
Pensions Total			\$ 16,543,409,039		100.0%																	
<div>Pensions NAV (millions)</div> 			<div>Trust Funds Investment Pool NAV (millions)</div> 			<div>State Fund Insurance NAV (millions)</div> 			<div>STIP NAV (millions)</div> 													
<div>Pensions Asset Allocation</div> 			<div>Trust Funds Investment Pool Asset Allocation</div> 			<div>State Fund Insurance Asset Allocation</div> 			<div>STIP Average Yield</div> 													
<div>Pension Internal/External</div> 			<div>Pension Active/Passive</div> 			<div>MBOI Internal/External</div> 			<div>MBOI Active/Passive</div> 			<div>STIP Sectors</div> 										

Definition of NAV: Net Asset Value is the total value of the account including assets held, adjusted for payables, receivables and liabilities

(1) Other Holdings column on page two represents the value of securities, receivables, payables and liabilities that comprise the Net Asset Value for the asset owner.

*Difference of \$315,275,247 is attributable the portion of STIP held within CAPP \$301,385,667 and TFIP \$31,744,376 as a cash investment and distributions held over month end \$(17,854,796). Such value is represented in the NAV for the CAPP and STIP columns.

MBOI Snapshot													
Asset Ownership View													
10/31/2025 Unaudited													
	CAPP Holdings		CAPP %	STIP Holdings*		STIP %	TFIP Holdings		TFIP%	Other Holdings ¹	Other %	Asset Value	Total Net
Total Funds \$(000)	\$16,374,452		54.79%	\$7,535,521		25.22%	\$3,865,544		12.93%	\$2,108,948		7.06%	\$29,884,465
Pensions	CAPP	%	STIP	%	TFIP	%	Other		%	Total			
FIREFIGHTERS RETIREMENT	\$ 812,256	98.99%	\$ 8,312	1.01%	\$ -	0.00%	\$ -	0.00%	\$ -	0.00%	\$ 820,567		
GAME WARDENS RETIREMENT	\$ 397,810	98.99%	\$ 4,050	1.01%	\$ -	0.00%	\$ -	0.00%	\$ -	0.00%	\$ 401,860		
HIGHWAY PATROL RETIREMENT	\$ 246,332	99.00%	\$ 2,498	1.00%	\$ -	0.00%	\$ -	0.00%	\$ -	0.00%	\$ 248,829		
JUDGES RETIREMENT	\$ 151,842	99.00%	\$ 1,540	1.00%	\$ -	0.00%	\$ -	0.00%	\$ -	0.00%	\$ 153,382		
POLICE OFFICERS RETIREMENT	\$ 708,374	98.98%	\$ 7,329	1.02%	\$ -	0.00%	\$ -	0.00%	\$ -	0.00%	\$ 715,704		
PUBLIC EMPLOYEES RETIREMENT	\$ 7,828,329	98.99%	\$ 79,862	1.01%	\$ -	0.00%	\$ -	0.00%	\$ -	0.00%	\$ 7,908,191		
SHERIFFS RETIREMENT	\$ 633,426	98.96%	\$ 6,642	1.04%	\$ -	0.00%	\$ -	0.00%	\$ -	0.00%	\$ 640,068		
TEACHERS RETIREMENT	\$ 5,534,543	98.96%	\$ 58,101	1.04%	\$ -	0.00%	\$ -	0.00%	\$ -	0.00%	\$ 5,592,643		
VOL FIREFIGHTERS RETIREMENT	\$ 61,540	99.00%	\$ 624	1.00%	\$ -	0.00%	\$ -	0.00%	\$ -	0.00%	\$ 62,164		
Total	\$ 16,374,452	98.98%	\$ 168,957	1.02%	\$ -	0.00%	\$ -	0.00%	\$ -	0.00%	\$ 16,543,409		
Trust Funds	CAPP	%	STIP	%	TFIP	%	Other		%	Total			
ABANDONED MINE RECLAMATION	\$ -	0.00%	\$ 1,935	20.39%	\$ 7,518	79.21%	\$ 38	0.40%	\$ 9,491				
BARKER HUGHESVILLE ST RESPONSE	\$ -	0.00%	\$ 2,113	21.19%	\$ 7,818	78.40%	\$ 40	0.40%	\$ 9,972				
BELT WATER TREATMENT PLANT	\$ -	0.00%	\$ 7,453	24.77%	\$ 22,521	74.83%	\$ 121	0.40%	\$ 30,095				
BUTTE AREA ONE REST	\$ -	0.00%	\$ 1,160	19.16%	\$ 4,869	80.43%	\$ 24	0.40%	\$ 6,053				
BUTTE AREA REDEVELOP AUTHORITY	\$ -	0.00%	\$ 2,163	15.42%	\$ 11,808	84.17%	\$ 57	0.41%	\$ 14,028				
CLARK FORK REST	\$ -	0.00%	\$ 5,619	21.73%	\$ 20,131	77.86%	\$ 104	0.40%	\$ 25,854				
CLARK FORK SITE RESP ACTION	\$ -	0.00%	\$ 4,196	8.17%	\$ 46,935	91.42%	\$ 212	0.41%	\$ 51,342				
COAL TAX PARK TRUST FUND	\$ -	0.00%	\$ 2,955	9.25%	\$ 28,843	90.34%	\$ 131	0.41%	\$ 31,929				
CULTURAL TRUST FUND	\$ -	0.00%	\$ 690	3.85%	\$ 17,155	95.74%	\$ 74	0.41%	\$ 17,919				
DEBT AND LIABILITY FREE ACCOUNT	\$ -	0.00%	\$ 211,221	93.69%	\$ -	0.00%	\$ 14,233	6.31%	\$ 225,454				
E HELENA GREENWAY TRAIL MAINT	\$ -	0.00%	\$ 208	23.02%	\$ 692	76.58%	\$ 4	0.40%	\$ 904				
EAST HELENA COMPENSATION FUND	\$ -	0.00%	\$ 1,496	98.91%	\$ 11	0.72%	\$ 6	0.37%	\$ 1,513				
ENDOWMENT FOR CHILDREN	\$ -	0.00%	\$ 91	5.90%	\$ 1,452	93.69%	\$ 6	0.41%	\$ 1,550				
FLYING J CECRA FACILITIES FUND	\$ -	0.00%	\$ 630	21.70%	\$ 2,260	77.90%	\$ 12	0.40%	\$ 2,901				
FWP MITIGATION TRUST	\$ -	0.00%	\$ 3,100	30.75%	\$ 6,942	68.86%	\$ 40	0.39%	\$ 10,082				
GO DISTRIBUTION FUND	\$ -	0.00%	\$ 80,921	28.50%	\$ 73,641	25.93%	\$ 129,401	45.57%	\$ 283,963				
GO PENSION FUND	\$ -	0.00%	\$ 76,847	25.14%	\$ 75,652	24.75%	\$ 153,196	50.11%	\$ 305,695				
HAROLD HAMM ENDOWMENT	\$ -	0.00%	\$ 11	20.34%	\$ 44	79.26%	\$ 0	0.40%	\$ 55				
INVASIVE SPECIES TRUST FUND	\$ -	0.00%	\$ 1,183	34.43%	\$ 2,239	65.17%	\$ 14	0.40%	\$ 3,436				
KIYO POW WOW	\$ -	0.00%	\$ 30	8.95%	\$ 121	36.53%	\$ 181	54.52%	\$ 332				
LIBBY ASBESTOS SITE STATE COST	\$ -	0.00%	\$ 1,440	25.82%	\$ 4,115	73.78%	\$ 22	0.40%	\$ 5,578				
LUBRECHT FRST CRBN OFSET CREDIT	\$ -	0.00%	\$ 264	9.54%	\$ 992	35.79%	\$ 1,515	54.67%	\$ 2,771				
LUTTRELL PIT - OPER & MAINT	\$ -	0.00%	\$ 409	19.15%	\$ 1,720	80.44%	\$ 9	0.41%	\$ 2,138				
MONTANA HIST AND CIVICS ENDOW	\$ -	0.00%	\$ 893	39.40%	\$ 1,364	60.21%	\$ 9	0.39%	\$ 2,266				
MONTANA HISTORICAL SOCIETY	\$ -	0.00%	\$ 1,280	28.46%	\$ 3,198	71.13%	\$ 18	0.41%	\$ 4,496				
MONTANA STATE LIBRARY TRUST	\$ -	0.00%	\$ 232	15.61%	\$ 1,249	83.99%	\$ 6	0.41%	\$ 1,488				
MT POLE SUPERFUND SETTLEMENT	\$ -	0.00%	\$ 4,851	24.99%	\$ 14,482	74.61%	\$ 78	0.40%	\$ 19,411				
NOXIOUS WEED MGMT TRUST FUND	\$ -	0.00%	\$ -	0.00%	\$ 10,403	99.59%	\$ 43	0.41%	\$ 10,446				
NRDP LIBBY SETTLEMENT	\$ -	0.00%	\$ 5,089	71.17%	\$ 2,034	28.45%	\$ 27	0.38%	\$ 7,150				
OLDER MONTANANS TRUST FUND	\$ -	0.00%	\$ 13	3.72%	\$ 337	95.86%	\$ 1	0.41%	\$ 352				
POTTER TRUST FUND	\$ -	0.00%	\$ 55	20.12%	\$ 217	79.47%	\$ 1	0.40%	\$ 273				
PUBLIC SCHOOL TRUST	\$ -	0.00%	\$ 12,820	1.29%	\$ 974,909	98.29%	\$ 4,097	0.41%	\$ 991,826				
REAL PROPERTY TRUST FUND	\$ -	0.00%	\$ 347	4.79%	\$ 6,878	94.80%	\$ 30	0.41%	\$ 7,255				
RESOURCE INDEMNITY TRUST FUND	\$ -	0.00%	\$ 23	0.02%	\$ 106,788	99.56%	\$ 444	0.41%	\$ 107,255				
SMELTER HILL UPLANDS REST FUND	\$ -	0.00%	\$ 1,344	15.45%	\$ 7,318	84.14%	\$ 35	0.41%	\$ 8,697				
STREAMSIDE TAILINGS OU FUND	\$ -	0.00%	\$ 2,189	12.97%	\$ 14,615	86.62%	\$ 69	0.41%	\$ 16,872				
TOBACCO TRUST FUND	\$ -	0.00%	\$ 9,753	3.01%	\$ 312,959	96.58%	\$ 1,336	0.41%	\$ 324,048				
UPPER BLACKFT RESP ACT & REST	\$ -	0.00%	\$ 714	89.07%	\$ 85	10.56%	\$ 3	0.37%	\$ 802				
UPPER CLRK FK RIVER BASIN RES	\$ -	0.00%	\$ 1,726	7.38%	\$ 21,576	92.21%	\$ 96	0.41%	\$ 23,398				
UPPER CLRK FK RIVER BASIN REST	\$ -	0.00%	\$ 3,799	5.56%	\$ 64,256	94.03%	\$ 281	0.41%	\$ 68,335				
WILDLIFE HABITAT TRUST FUND	\$ -	0.00%	\$ 1,417	8.45%	\$ 15,281	91.14%	\$ 69	0.41%	\$ 16,767				
YELLOWSTONE PIPELINE CLEANUPFD	\$ -	0.00%	\$ 2,095	33.60%	\$ 4,115	66.00%	\$ 25	0.40%	\$ 6,235				
ZORTMAN/LANDUSKY LT WATER	\$ -	0.00%	\$ 18,206	99.63%	\$ -	0.00%	\$ 67	0.37%	\$ 18,273				
ZORTMANLANDUSKY LT WATER TRUST	\$ -	0.00%	\$ 23,678	99.63%	\$ -	0.00%	\$ 87	0.37%	\$ 23,765				
Total	\$ -	0.00%	\$ 496,659	18.38%	\$ 1,899,545	70.29%	\$ 306,261	11.33%	\$ 2,702,465				
Coal Seveance	CAPP	%	STIP	%	TFIP	%	Other		%	Total			
BIG SKY ECONOMIC DEV FUND	\$ -	0.00%	\$ 1,575	0.99%	\$ 151,392	95.22%	\$ 6,018	3.79%	\$ 158,985				
COAL SEVERANCE TAX PERM FUND	\$ -	0.00%	\$ 16,547	2.98%	\$ 417,626	75.11%	\$ 121,840	21.91%	\$ 556,014				
CONSERVATION DISTRICT FUND	\$ -	0.00%	\$ 5,512	11.20%	\$ 43,491	88.39%	\$ 201	0.41%	\$ 49,205				
MONTANA COAL ENDOWMENT FUND	\$ -	0.00%	\$ 3,069	1.12%	\$ 270,032	98.47%	\$ 1,134	0.41%	\$ 274,235				
MT COAL ENDOWMENT REGIONAL WAT	\$ -	0.00%	\$ 1,192	1.25%	\$ 93,460	98.33%	\$ 393	0.41%	\$ 95,044				
SCHOOL FACILITIES FUND	\$ -	0.00%	\$ 5,713	2.04%	\$ 272,838	97.54%	\$ 1,155	0.41%	\$ 279,705				
Total	\$ -	0.00%	\$ 33,608	2.38%	\$ 1,248,840	88.37%	\$ 130,741	9.25%	\$ 1,413,189				
Operating Funds	CAPP	%	STIP	%	TFIP	%	Other		%	Total			
FWP GENERAL LICENSE ACCOUNT	\$ -	0.00%	\$ 50,567	62.46%	\$ 30,087	37.16%	\$ 307	0.38%	\$ 80,961				
MONTANA LOCAL GOVERNMENTS	\$ -	0.00%	\$ 1,654,441	99.62%	\$ -	0.00%	\$ 6,284	0.38%	\$ 1,660,725				
MONTANA STATE AGENCIES	\$ -	0.00%	\$ 2,224,299	99.64%	\$ -	0.00%	\$ 8,100	0.36%	\$ 2,232,399				
MONTANA STATE UNIVERSITY	\$ -	0.00%	\$ 263,014	81.71%	\$ 57,574	17.89%	\$ 1,283	0.40%	\$ 321,871				
MONTANA TECH	\$ -	0.00%	\$ 7,820	94.17%	\$ 454	5.46%	\$ 31	0.37%	\$ 8,304				
MT HOUSING INFRASTRUCTURE	\$ -	0.00%	\$ 59,778	36.20%	\$ -	0.00%	\$ 105,356	63.80%	\$ 165,134				
REPAYMENT ACCOUNT	\$ -	0.00%	\$ 6,480	99.64%	\$ -	0.00%	\$ 24	0.36%	\$ 6,503				
STATE TREASURER'S FUND	\$ -	0.00%	\$ 2,234,035	80.05%	\$ 546,068	19.57%	\$ 10,871	0.39%	\$ 2,790,974				
UNIVERSITY OF MONTANA	\$ -	0.00%	\$ 87,880	74.70%	\$ 29,331	24.93%	\$ 438	0.37%	\$ 117,650				
Total	\$ -	0.00%	\$ 6,588,315	89.22%	\$ 663,514	8.99%	\$ 132,693	1.80%	\$ 7,384,522				
Insurance Reserves	CAPP	%	STIP	%	TFIP	%	Other		%	Total			
MONTANA STATE FUND	\$ -	0.00%	\$ 15,592	1.01%	\$ -	0.00%	\$ 1,525,518	98.99%	\$ 1,541,110				
MUS GROUP INSURANCE	\$ -	0.00%	\$ 68,408	84.01%	\$ 12,723	15.62%	\$ 301	0.37%	\$ 81,432				
MUS WORKERS COMPENSATION	\$ -	0.00%	\$ 11,549	74.07%	\$ 3,985	25.55%	\$ 59	0.38%	\$ 15,592				
OLD FUND LIABILITY DEFEASANCE	\$ -	0.00%	\$ 42,940	99.63%	\$ -	0.00%	\$ 159	0.37%	\$ 43,098				
PERS-DCRP LT DISABILITY PLAN	\$ -	0.00%	\$ 981	7.19%	\$ -	0.00%	\$ 12,656	92.81%	\$ 13,637				
STATE EMPLOYEE GROUP BENEFITS	\$ -	0.00%	\$ 105,651	73.81%	\$ 36,937	25.80%	\$ 551	0.39%	\$ 143,139				
SUBSEQUENT INJURY TRUST FUND	\$ -	0.00%	\$ 2,863	99.68%	\$ -	0.00%	\$ 9	0.32%	\$ 2,872				
Total	\$ -	0.00%	\$ 247,983	13.47%	\$ 53,644	2.91%	\$ 1,539,254	83.62%	\$ 1,840,888				

Short Term Investment Pool			
Account	# Accounts	Total Market Value	%
Total State	381	6,192,416,738	78.9%
Total Local	210	1,658,379,573	21.1%
Total STIP	591	\$ 7,850,796,311	100.0%
STIP Reserve		\$ 109,992,160	
Prior month average STIP Yield		4.3154%	

Intercap Statistics		
Loans Outstanding	\$	69,933,443
Bonds Outstanding	\$	65,000,000
Number of Borrowers		124
Loan Rate		5.00%

65010 Department of Commerce

Standard Budget Summary By Org, Account

Data Selected for Month/FY: 01 (Jul)/2026 through 05 (Nov)/2026

Business Unit	(All)
Program Year	(All)
FY_BudPer	(All)
Month	(All)
Subclass	(All)
Source of Auth	(All)
OBPP Program	(All)
Fund	(All)
Fund Type	(All)
Account	(All)
Account Type	(All)
Project	(All)
Ledger	(All)

INTERCAP

Program

YTD as of 11/5/2025

34.79% of Year Completed

30.27% of Payroll Completed

[Return to Menu](#)

Org	Acct Lvl 1	Acct Lvl 2	Standard Budget	Actuals Amt	A Accrual Amt	Balance	
750200	STAND ALONE IDB PROG OPERTNS		620,840.50	171,893.02	0.00	448,947.48	28%
	61000	Personal Services	497,694.05	148,763.26	0.00	348,930.79	30%
		61000 Personal Services	497,694.05	0.00	0.00	497,694.05	
		61100 Salaries	0.00	115,564.87	0.00	(115,564.87)	
		61400 Employee Benefits	0.00	33,198.39	0.00	(33,198.39)	
	62000	Operating Expenses	123,146.45	23,129.76	0.00	100,016.69	19%
		62100 Other Services	5,262.01	2,616.95	0.00	2,645.06	
		62200 Supplies & Materials	884.83	936.72	0.00	(51.89)	
		62300 Communications	2,678.20	463.22	0.00	2,214.98	
		62400 Travel	1,529.60	0.00	0.00	1,529.60	
		62500 Rent	41,629.77	17,481.56	0.00	24,148.21	
		62700 Repair & Maintenance	1,000.00	0.00	0.00	1,000.00	
		62800 Other Expenses	70,162.04	1,631.31	0.00	68,530.73	
750201	IDB Board Member Travel		0.00	464.71	0.00	(464.71)	
	61000	Personal Services	0.00	170.00	0.00	(170.00)	
		61300 Other Compensation	0.00	170.00	0.00	(170.00)	
	62000	Operating Expenses	0.00	294.71	0.00	(294.71)	
		62200 Supplies & Materials	0.00	7.64	0.00	(7.64)	
		62400 Travel	0.00	242.86	0.00	(242.86)	
		62800 Other Expenses	0.00	44.21	0.00	(44.21)	
750220	IDB AUDIT		6,683.00	0.00	0.00	6,683.00	0%
	62000	Operating Expenses	6,683.00	0.00	0.00	6,683.00	
		62100 Other Services	6,683.00	0.00	0.00	6,683.00	

65010 Department of Commerce

Standard Budget Summary By Org, Fund, Account

Data Selected for Month/FY: 01 (Jul)/2026 through 05 (Nov)/2026

Investment Division

YTD as of 11/5/2025

34.79% of Year Completed

30.27% of Payroll Completed

Business Unit	(All)
Program Year	(All)
FY_BudPer	(All)
Month	(All)
Subclass	(All)
Source of Auth	(All)
OBPP Program	(All)
Fund Type	(All)
Account	(All)
Account Type	(All)
Project	(All)
Ledger	(All)

[Return to Menu](#)

Org	Fund	Acct Lvl 1	Acct Lvl 2	Standard Budget	Actuals Amt	A Accrual Amt	Balance	
750100	INVESTMENT OPERATIONS			6,332,345.84	1,722,053.11	0.00	4,610,292.73	27%
	06050	Investment Division		6,332,345.84	1,722,053.11	0.00	4,610,292.73	
		61000	Personal Services	5,249,407.16	1,455,893.67	0.00	3,793,513.49	28%
			61000 Personal Services	5,249,407.16	0.00	0.00	5,249,407.16	
			61100 Salaries	0.00	1,158,605.16	0.00	(1,158,605.16)	
			61400 Employee Benefits	0.00	297,288.51	0.00	(297,288.51)	
		62000	Operating Expenses	1,082,938.68	266,159.44	0.00	816,779.24	25%
			62100 Other Services	226,276.75	49,721.96	0.00	176,554.79	
			62200 Supplies & Materials	68,000.00	17,957.47	0.00	50,042.53	
			62300 Communications	43,568.00	6,908.20	0.00	36,659.80	
			62400 Travel	221,025.00	18,309.16	0.00	202,715.84	
			62500 Rent	374,667.93	158,693.07	0.00	215,974.86	
			62700 Repair & Maintenance	5,000.00	0.00	0.00	5,000.00	
			62800 Other Expenses	144,401.00	14,569.58	0.00	129,831.42	
750101	BOARD MEMBER EXPENSES			0.00	8,856.23	0.00	(8,856.23)	
	06050	Investment Division		0.00	8,856.23	0.00	(8,856.23)	
		61000	Personal Services	0.00	3,230.00	0.00	(3,230.00)	
			61300 Other Compensation	0.00	3,230.00	0.00	(3,230.00)	
		62000	Operating Expenses	0.00	5,626.23	0.00	(5,626.23)	
			62200 Supplies & Materials	0.00	145.24	0.00	(145.24)	
			62400 Travel	0.00	4,613.90	0.00	(4,613.90)	
			62800 Other Expenses	0.00	867.09	0.00	(867.09)	
750120	INVESTMENTS - AUDIT			126,697.00	0.00	0.00	126,697.00	0%
	06050	Investment Division		126,697.00	0.00	0.00	126,697.00	
		62000	Operating Expenses	126,697.00	0.00	0.00	126,697.00	
			62100 Other Services	126,697.00	0.00	0.00	126,697.00	
750800	DC Coordination and Efficiency			0.00	55,622.84	0.00	(55,622.84)	56%
	06050	Investment Division		0.00	55,622.84	0.00	(55,622.84)	
		61000	Personal Services	0.00	55,622.84	0.00	(55,622.84)	
			61100 Salaries	0.00	45,974.09	0.00	(45,974.09)	
			61400 Employee Benefits	0.00	9,648.75	0.00	(9,648.75)	



DEPARTMENT OF
PUBLIC HEALTH &
HUMAN SERVICES

MONTANA
BOARD OF INVESTMENTS

November 26, 2025

Ryan Osmundson
State Budget Director
Office of Budget and Program Planning
PO Box 200802
Helena, MT 59620-0802

Director Osmundson,

Pursuant to HB 5, please accept the following as the proposed plan for the construction of a new behavioral health facility for the Department of Public Health and Human Services (DPHHS). The statute reads as follows:

Section 17. Transfer of funds – plan and reporting. (1) By June 30, 2026, the state treasurer shall transfer \$26.5 million from the capital developments long-range building program account established in 17-7209 to the board of investments for the purposes of building a behavioral health facility.

(2) Prior to the transfer in subsection (1) taking place, the budget director shall adopt a plan from the board of investments and the department of public health and human services on the facility type and location. The board of investments and the department of public health and human services shall report to the health and human services interim budget committee established in 5-12-501 on the progress of choosing the facility type and location. Once a plan is adopted by the budget director, the board of investments and the department of public health and human services shall provide a progress report at each subsequent meeting of the health and human services interim budget committee and each subsequent meeting of the long-range planning budget committee that are held prior to December 31, 2026.

(3) Any unspent funds must revert to the capital developments long-range building program account.

Facility Type and Location

As demonstrated in the enclosed analysis, DPHHS seeks to construct and operationalize a 32-bed forensic mental health facility. The facility would be designed with scalability in mind should the agency determine a need to leverage beds for the civil population in the future. From our perspective, it is most appropriate to "build up" to forensic facility

standards and be able to scale down as deemed necessary. As many Montanans know, DPHHS has experienced surging demand for forensic psychiatric services over the past several years, resulting in a problematic statewide waitlist that adversely impacts local communities. While DPHHS has taken a variety of steps to try to address this issue operationally, its bed capacity remains severely limited, and the agency believes that the funds granted to us by the Legislature must be prioritized for the forensic population.


The Board of Investments (BOI) will oversee construction of the facility using its established real estate development process, which has successfully delivered, owned, leased, and managed income distribution from directly held real estate securities for over 40 years. BOI and its contractors will obtain all required permits, annexations, zoning, and other local approvals in full compliance with applicable ordinances and resolutions. Upon completion of construction, DPHHS will enter into a lease agreement with BOI for a minimum term of 20 years.

DPHHS has selected Laurel, Montana as the location for the facility. Laurel provides access to a critical health care workforce and infrastructure necessary to ensure the facility's success. Laurel's geographic location is ideally situated for improving access and transportation logistics for patients and their families, staff, and law enforcement across central and eastern Montana.

As you know, the Legislature allocated \$26.5 million for this project to BOI, pending your approval. However, it is anticipated that these funds may be insufficient to construct a "hardened" facility designed to safely and securely serve a forensic population. Once BOI can more precisely determine the total project costs, DPHHS is prepared to allocate additional funding from the remaining Behavioral Health Systems for Future Generations (BHSFG) state special revenue capital account balance, which currently holds an available balance of \$41,970,000, to address any amount exceeding the HB 5 transfer. The Office of Budget and Program Planning (OBPP), as the statutory approving authority, will be consulted throughout this process.


DPHHS and BOI have worked in strong partnership for several months. Specialized consultants have been engaged to support facility research and design, as well as the development of an effective program structure. With your approval, work can begin immediately to continue strengthening Montana's behavioral health system.

Thank you for your timely attention to this urgent matter.

Signed by:

61408679875F473...
Charles T. Brereton

Director

Department of Public Health and Human Services

DocuSigned by:

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Datt Viliid

Executive Director

Montana Board of Investments

Attachments:

1. "Building a Foundation for Future Generations: Montana's New Behavioral Health Facility"
2. "Frequently Asked Questions: Montana's New Behavioral Health Facility"
3. "Securities Classification of the Construction of Behavioral Health Unit Pursuant to Section 17 of House Bill 5 from the 2025 Legislative Session"
4. Letter from the City of Laurel, MT
5. Draft Floor Plan

TAB 3

MONTANA

BOARD OF INVESTMENTS

TO: Members of the Board
FROM: Doug Hill, Director of Commercial Loan Programs
DATE: December 10, 2025
RE: Commercial and Residential Loan Portfolios

The Participation Loan Program reflected an outstanding balance of \$ 98,354,862 as of October 31, 2025, representing 47 loans with a yield of 3.02%. There are two reservations for \$6,006,666. There is one committed loan for \$7,913,334. There are no past due loans.

The Infrastructure Loan Program reflected an outstanding balance of \$ 8,019,128 as of October 31, 2025, representing eight loans with a yield of 3.85%. There is one committed loan for \$3,683,333. There are no past due loans.

The Intermediary Relending Program reflected an outstanding balance of \$ 5,383,151 as of October 31, 2025, representing 40 loans with a yield of 2.00%. There is one committed loan for \$250,000. There are no past due loans.

The Science and Tech portfolio reflected an outstanding balance of \$ 253,773 as of October 31, 2025, representing one loan with a yield of 7.50%. The loan is not past due.

The Montana Facility Finance Authority portfolio reflected an outstanding balance of \$ 13,211,391.58 as of October 31, 2025, representing 18 loans with a yield of 3.75%. There are no past due loans.

The Residential loan portfolio reflected an outstanding balance as of October 25, 2025, of \$887,435, representing 28 loans with a yield of 6.19%. Two loans are over 90 days past due, totaling \$60,386. The past-due loans have an FHA guarantee.

The Montana Down Payment Assistance Program reflected an outstanding balance of \$ 76,821,702.27 as of October 31, 2025, representing 134 loans. Repayment of these loans will begin in January 2027.

As of November 4, 2025, the Resident-Owned Cooperative Loan Program has one committed loan for \$1,890,000.

TAB 4

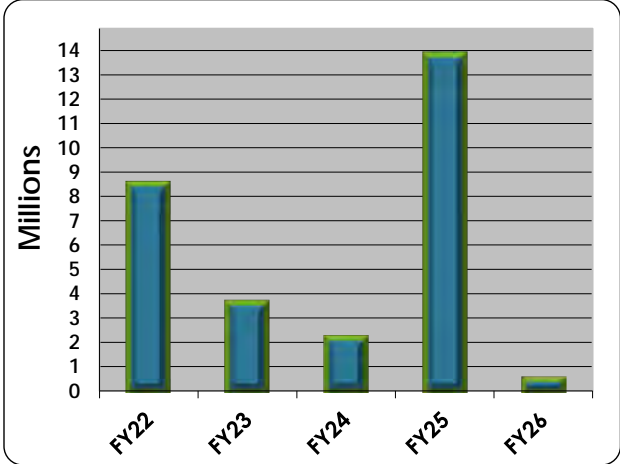


\$120M Bond Series 2022:		Loans:	
Current Bond Rate	4.321%	Current Loan Rate	5.00% auto
Outstanding	65,000,000	Outstanding	63,890,588
Available for Drawdown	55,000,000	Pending Commitments	29,669,827
Total Committed	761,066,542	Borrowers	123
Total Funded	731,366,714	Debt Service Schedules	250
		Autopay	93%

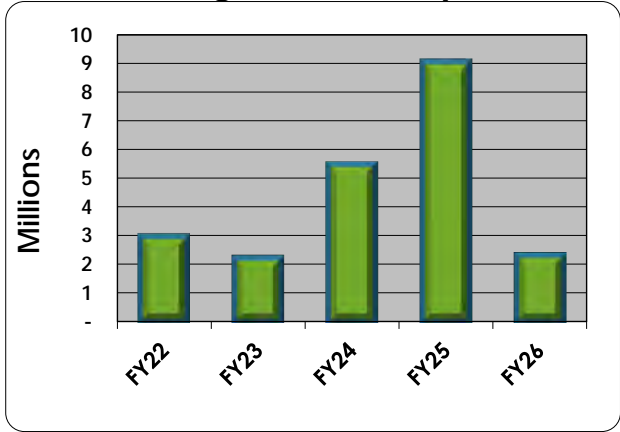
FY2026		
Month	Commitments	Fundings
July-25	-	267,344
August	300,000	1,173,228
September	322,429	879,948
October		
November		
December		
January		
February		
March		
April		
May		
June-26		
To Date	622,429	2,320,520

Note: Commitments include withdrawn and expired loans.

Commitments FY Q1 Comparison



Fundings FY Q1 Comparison



Variable Loan Rate History February 16, 2018 - February 15, 2026			
February 16, 2018 - February 15, 2019	3.15%	February 16, 2022 - February 15, 2023	1.50%**
February 16, 2019 - February 15, 2020	3.37%	February 16, 2023 - February 15, 2024	5.75%**
February 16, 2020 - February 15, 2021	2.50%*	February 16, 2024 - February 15, 2025	5.75%**
February 16, 2021 - February 15, 2022	1.65%*	February 16, 2025 - February 15, 2026	5.00%**

*BOI decreased interest rates for INTERCAP loans to 1.00% until August 15, 2020 in response to the COVID-19 pandemic.
**Autopay rates began in 2022. Existing borrower loans not set up for autopay in these years were charged 1.55%, 6.00%, 6.25% & 5.82% respectively for processing.

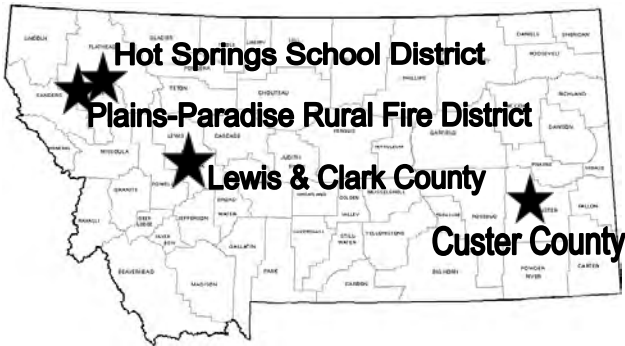
MONTANA
BOARD OF INVESTMENTS
INTERCAP

TO: Members of the Board

FROM: Louise Welsh,
Director of Municipal Loans

DATE: December 10, 2025

RE: INTERCAP Staff Approved Loans Committed – Staff approved the following loans from July 1, 2025, to September 30, 2025.



Borrower:	Department of Natural Resources and Conservation (DNRC)			
Purpose:	Coal Severance Tax (CST) Bond-RRGL (taxable)			
Staff approved:	N/A	Term:	N/A	Approval Date: N/A
BOI Policy 70.120 Staff Approval Authorization:		\$15,000,000		
New Commitment:		0		
Commitment Remaining:		13,500,000		
Loans Outstanding:		29,743		
Authorization Available:		\$ 1,470,257		

Borrower:	Custer County
Purpose:	Motor grader
Staff Approval Date:	August 7, 2025
Board Loan Amount:	\$300,000
Other Funding Sources:	\$115,000
Total Project Cost:	\$415,000
Term:	7 years

Borrower:	Lewis & Clark County
Purpose:	North Hills Rural Improvement District road improvements
Staff Approval Date:	September 3, 2025
Board Loan Amount:	\$87,429
Other Funding Sources:	\$ 0
Total Project Cost:	\$87,429
Term:	15 years

Borrower:	Plains-Paradise Rural Fire District
Purpose:	Fire rescue truck
Staff Approval Date:	September 8, 2025
Board Loan Amount:	\$85,000
Other Funding Sources:	\$ 0
Total Project Cost:	\$85,000
Term:	5 years

Borrower:	Hot Springs School District
Purpose:	Cash flow
Staff Approval Date:	September 17, 2025
Board Loan Amount:	\$175,000
Other Funding Sources:	\$ 0
Total Project Cost:	\$175,000
Term:	8 months

MONTANA

BOARD OF INVESTMENTS

TO: Members of the Board

FROM: Louise Welsh, Director of Municipal Loans

DATE: December 10, 2025

RE: Montana Housing Infrastructure Revolving (MHIR) Bond Program Portfolio

The MHIR Bond Program reflected an outstanding balance of approximately \$2,010,419 as of the end of the first quarter, September 30, 2025. This balance represents one (1) loan with a yield of 1.71%. The loan is current, and there are no new loan commitments.

TAB 5



Montana Public Employees' Retirement Board Valuation Results June 30, 2025

William Holahan, Executive Director

bill.holahan@mt.gov



The Purpose of an Actuarial Valuation

Develop

- Develop a strategy to systematically fund the promised benefits of the system

Measure

- Measure assets and liabilities (future benefit payments)

Determine

- Determine actuarial contribution rates

Analyze

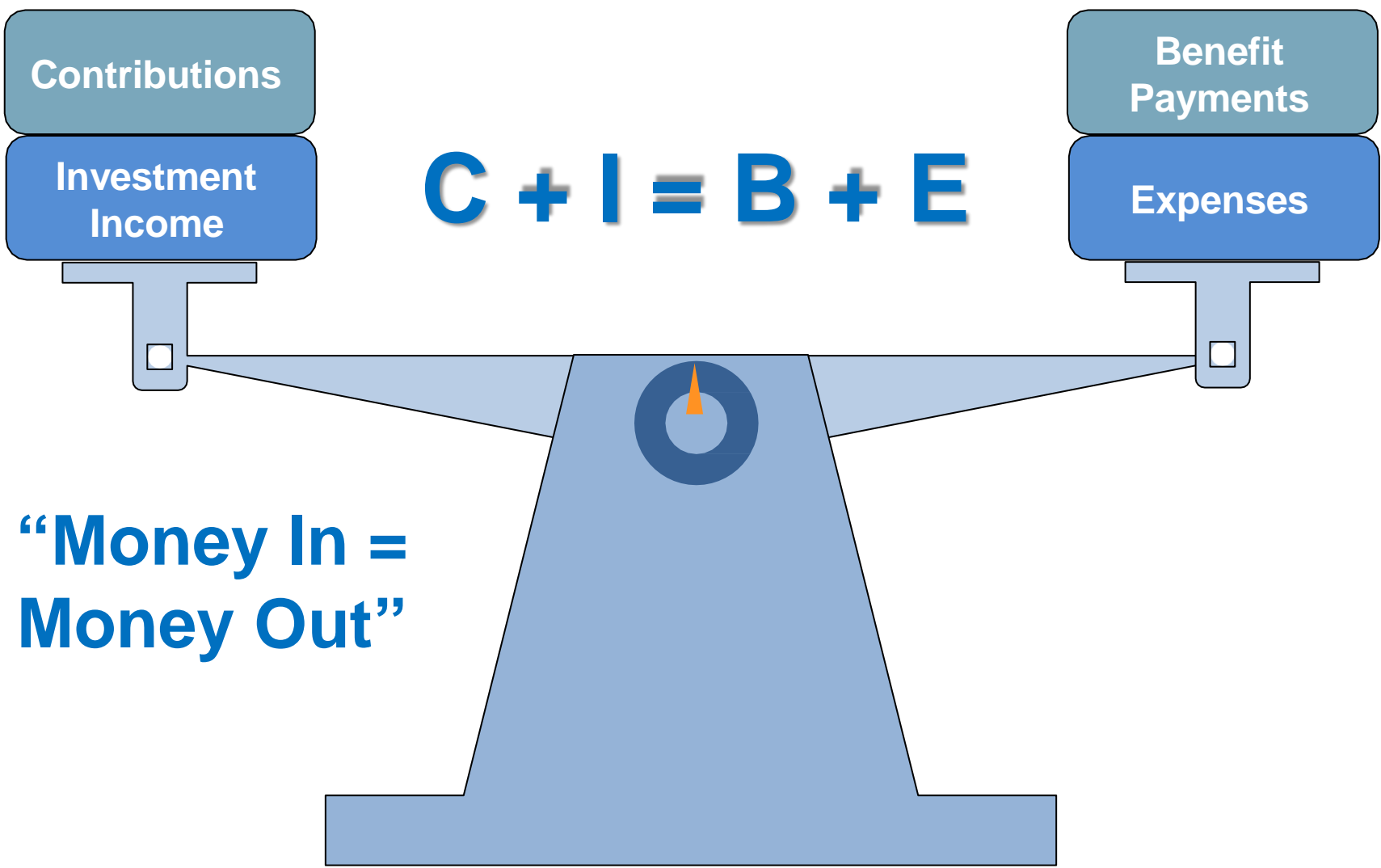
- Analyze experience (actual vs. expected)

Report

- Report on trends, risks, accounting, etc.



Basic Retirement Funding Formula





PERS Valuation Highlights

Plan Experience

Returns



- Market value of asset returns were **9.39%** while returns on actuarial smoothed assets was **5.44%**.
- Market value of assets are **\$184.1 million** more than the actuarial value of assets.

Assets



- \$212.7 million Experience loss**
 - Investment: \$133.9M
 - Salaries: \$73.8M
 - Mortality: \$5M
- \$184.2 million deferred asset gain**
 - 2026 Gain: \$82.1M
 - 2027 Gain: \$65.0M
 - 2028 Gain: \$37.1M

Key Results

Funded Ratio



Funded ratio using actuarial value of assets decreased from 75.72% to **74.48%**.

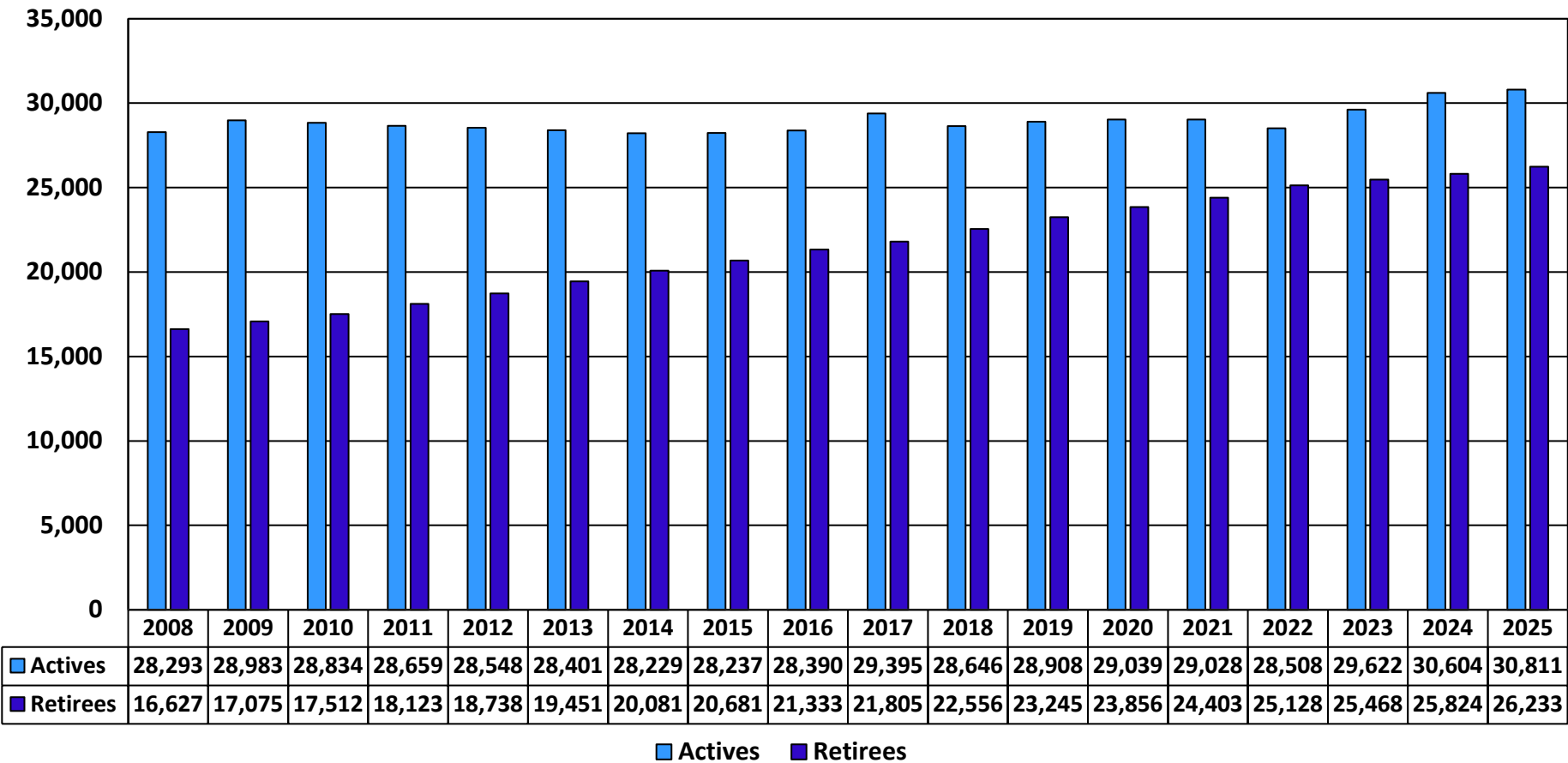
Amortization Period



Amortization period declined from 27 years to **23 years**.



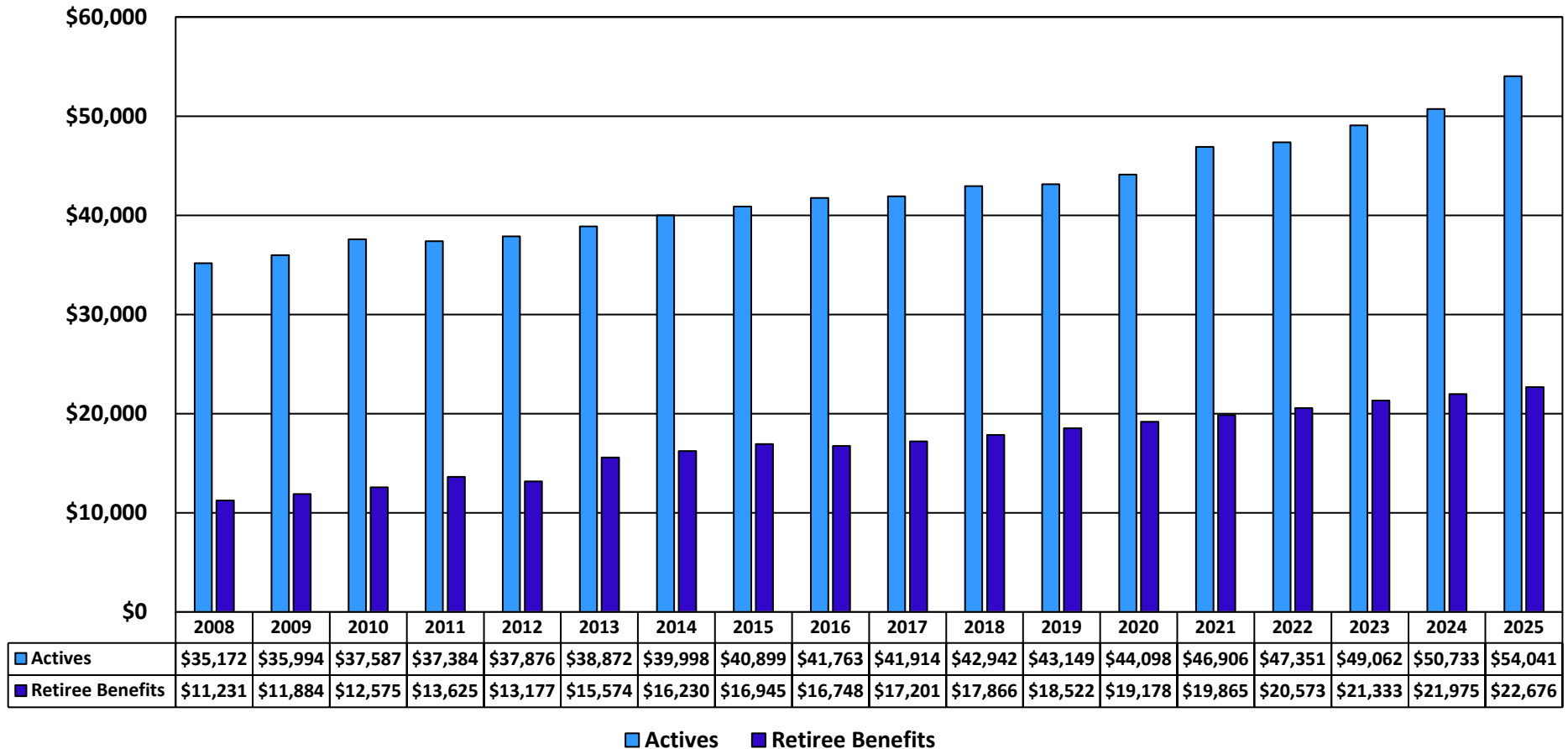
PERS Active and Retired Membership



0.51% annual increase for active members since 2008; 0.68% increase for 2025.
2.79% annual increase for retired members since 2008; 1.58% increase for 2025.
0.6 retirees per active 18 years ago; 0.9 retirees per active now.



PERS Average Salary and Benefits



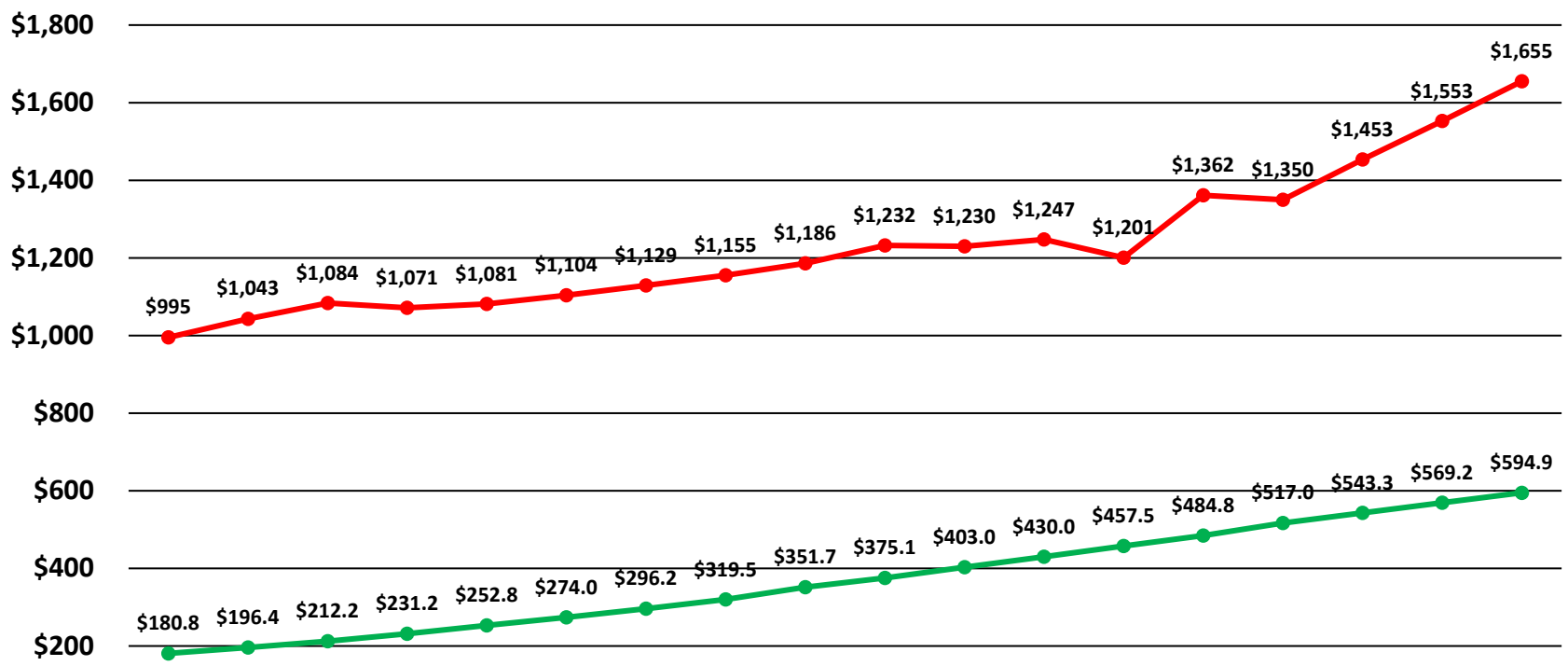
2.58% annual increase for average salary since 2008; 6.5% increase for 2025.

4.3% annual increase for average benefits since 2008; 3.2% increase for 2025.



PERS Payroll & Benefits

(\$ Millions)



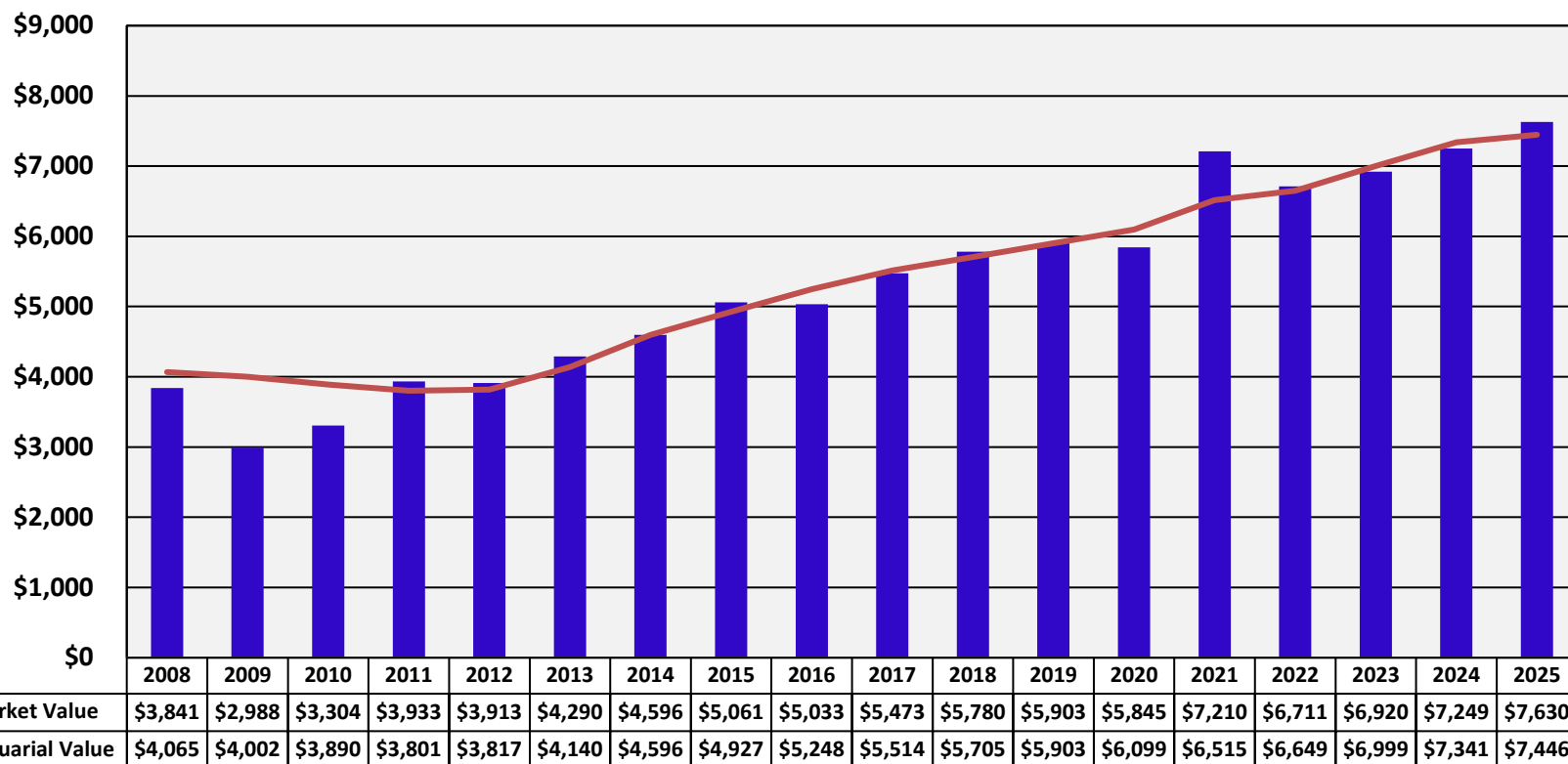
	2008	2009	2010	2011	2012	2013	2014	2015	2016	2017	2018	2019	2020	2021	2022	2023	2024	2025
Total Payroll	\$995	\$1,043	\$1,084	\$1,071	\$1,081	\$1,104	\$1,129	\$1,155	\$1,186	\$1,232	\$1,230	\$1,247	\$1,201	\$1,362	\$1,350	\$1,453	\$1,553	\$1,655
Total Benefits	\$180.8	\$196.4	\$212.2	\$231.2	\$252.8	\$274.0	\$296.2	\$319.5	\$351.7	\$375.1	\$403.0	\$430.0	\$457.5	\$484.8	\$517.0	\$543.3	\$569.2	\$594.9

● Total Payroll ● Total Benefits



PERS Assets

(\$ Millions)



Market Value Actuarial Value

	2010	2011	2012	2013	2014	2015	2016	2017	2018	2019	2020	2021	2022	2023	2024	2025
Market Return	12.9%	21.7%	2.3%	13.0%	17.1%	4.6%	2.0%	11.9%	8.9%	5.7%	2.7%	27.8%	(4.2)%	8.4%	8.9%	9.4%
Actuarial Return	(1.2%)	(0.1)%	3.3%	11.9%	13.2%	9.6%	9.3%	8.1%	6.7%	7.1%	7.1%	10.8%	8.2%	7.6%	9.0%	5.4%

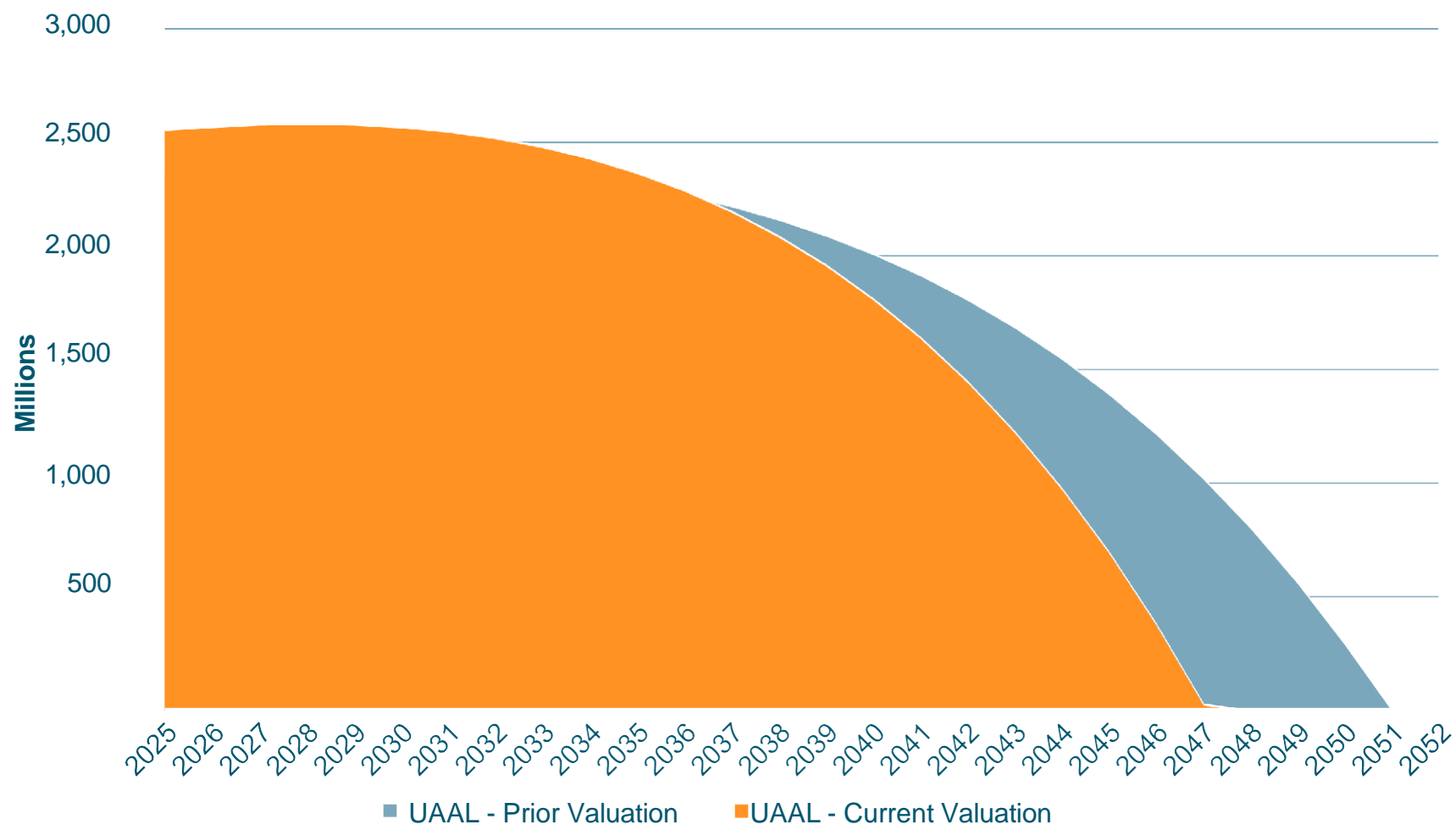


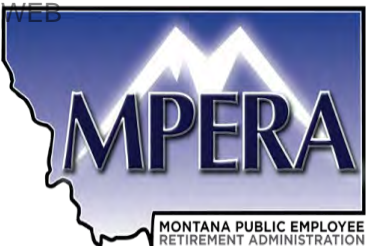
PERS Funding Results

	June 30, 2024 Valuation	June 30, 2025 Valuation
Total Normal Cost Rate	9.83%	9.29%
Rate to Amortize UAL	7.20%	7.74%
Transfer to DB Education Fund	<u>0.04%</u>	<u>0.04%</u>
Statutory Funding Rate*	17.07%	17.07%
Actuarial Accrued Liability	\$9,695.5 billion	\$9,998.1 billion
Actuarial Value of Assets	\$7,341.3 billion	\$7,446.4 billion
Unfunded Accrued Liability	\$2,354.2 billion	\$2,551.6 billion
Funded Ratio	75.72%	74.48%
Amortization Period*	27 Years	23 Years



Progress Toward 100% Funding





Valuation Highlights Across Other Plans

Actuarial Experience Across All Other Plans

Experience



Overall experience loss of \$91.6 million

Assets



Actuarial value of assets investment loss of **\$41.3 million** due to prior unrecognized investment experience.

\$65 million
deferred asset gain

- 2026 Gain: \$28.9M
- 2027 Gain: \$23.1M
- 2028 Gain: \$13M

Demographics



Demographic and mortality experience loss of **\$10 million.**

Salaries



Experience loss of **\$40.3 million** due to salary increases that were greater than anticipated.



Valuation Results - Other Plans

System	Funded Ratio		Amortization Period		Rate		
	2025	2024	2025	2024	Member	Employer	Total
JRS	184%	184%	0	0	7.00%	0.00%	7.00%
HPORS	76%	78%	22	24	13.05%	38.43%	51.48%
SRS	82%	83%	17	24	10.495%	13.215%	23.710%
GWPORS	92%	94%	16	24	10.56%	10.66%	21.22%
MPORS	75%	75%	18	18	9.00%	43.78%	52.78%
FURS	84%	85%	8	8	10.70%	46.97%	57.67%
VFCA*	101%	107%	0	0	5% of premium taxes		

* The actual contributions for the fiscal year ending 2024 and 2025 were \$3,519,342 and \$3,910,471 respectively.



Work Ahead

- During this interim, the Public Employees' Retirement Board will have an actuarial experience study conducted by its actuary and presented to the Board in the Spring of 2026.
 - This study will review the economic and demographic actuarial assumptions adopted by the Public Employees' Retirement Board that are used to project the costs and liabilities of the defined benefit pension plans it administers.
 - Compare the actual experience of each plan with what was expected to happen under its current assumptions during the four-year experience period of July 1, 2022 through June 30, 2025.
 - The economic assumptions that will be reviewed consist of the Board's price inflation, investment return, wage inflation, and payroll growth assumptions as well as its adopted demographic assumptions, to include mortality and retirement rates.



**Montana Teachers' Retirement System
Valuation Results
July 1, 2025**

Shawn Graham, Executive Director

trs.mt.gov

Why does my Plan need an Actuary?

Develop

- Develop a strategy to systematically fund the promised benefits of the system

Measure

- Measure assets and liabilities (future benefit payments)

Determine

- Determine actuarial contribution rates

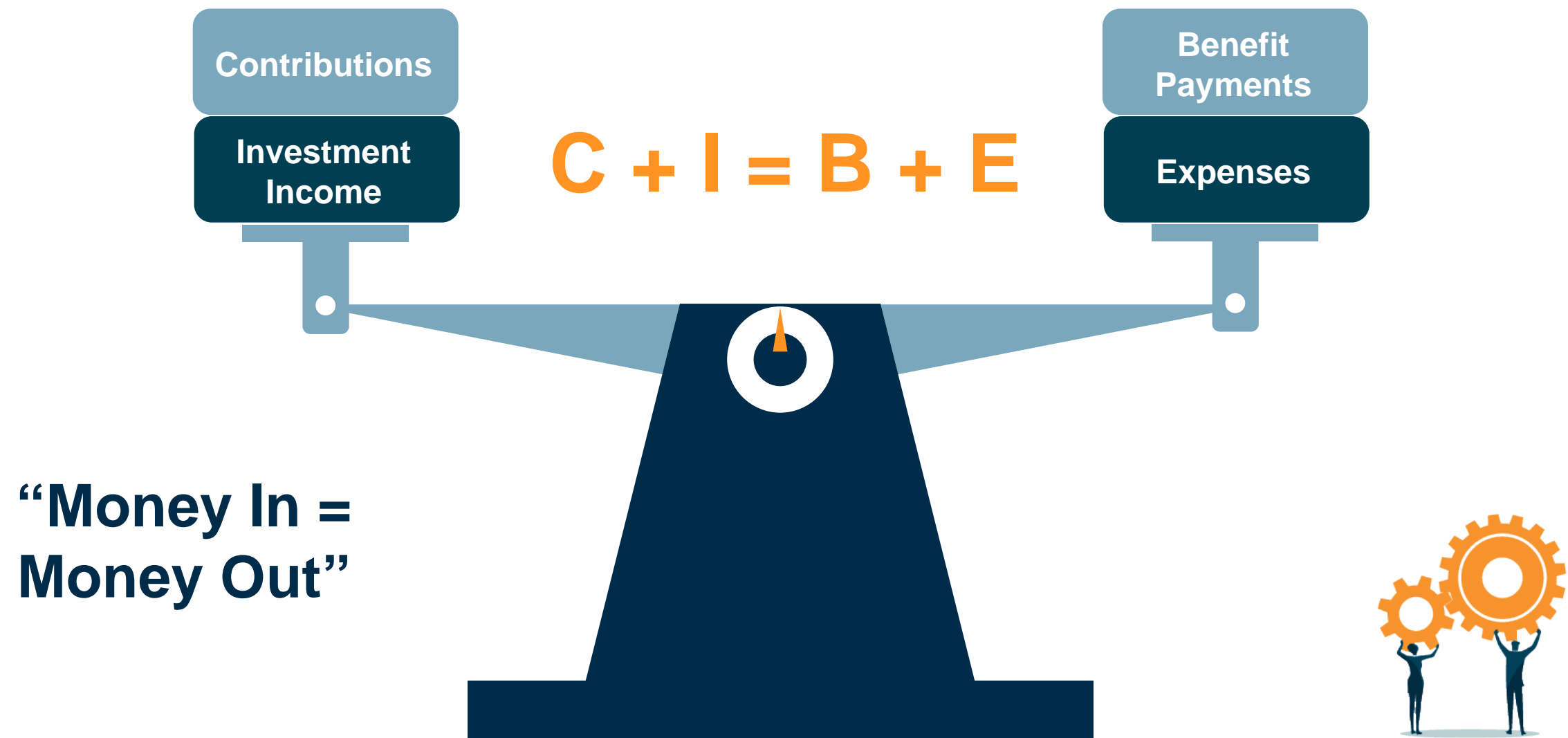
Analyze

- Analyze experience (actual vs. expected)

Report

- Report on trends, risks, accounting, etc.

Basic Retirement Funding Formula





Asset Returns

- Both Market and Actuarial asset returns are net of Investment and Administrative Expenses.
- Market: 9.37% (2.07% more than 7.30% expected)
- Actuarial: 5.46% (1.84% less than 7.30% expected)



Deferred Experience

- Market value of assets are \$128,176,572 more than the actuarial value of assets.
- Experience is recognized over a four-year period.



Deferred Experience Recognition

- 2026 Investment Gain: \$56.8 million
- 2027 Investment Gain: \$45.2 million
- 2028 Investment Gain: \$26.1 million

Plan Experience

Assets



Market value of asset returns were 9.4% while returns on actuarial smoothed assets were 5.5%.

UAAL



UAAL increased 104.6M from \$1,808.4M to \$1,913.0M.

Key Results

Funded Ratio



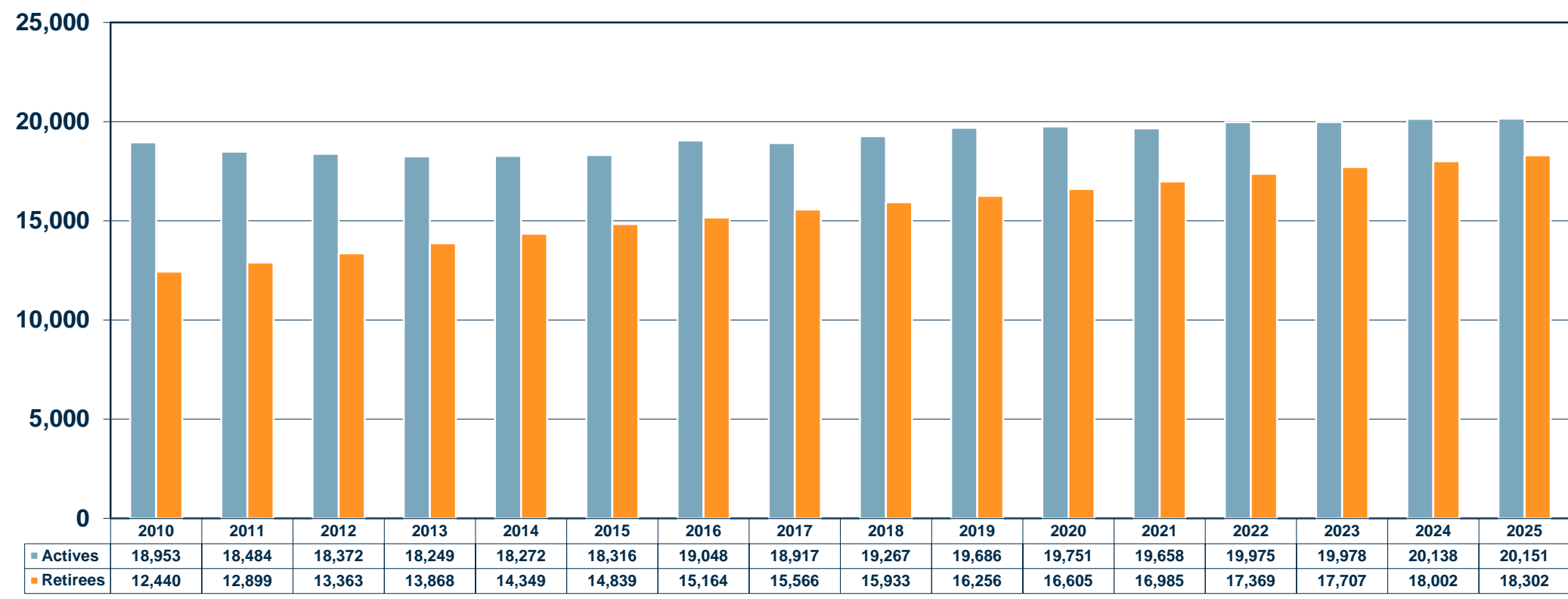
Funded ratio using actuarial value of assets decreased from 74.26% to 73.44%. Using market value of assets, it would be 75.22%.

Amortization Period



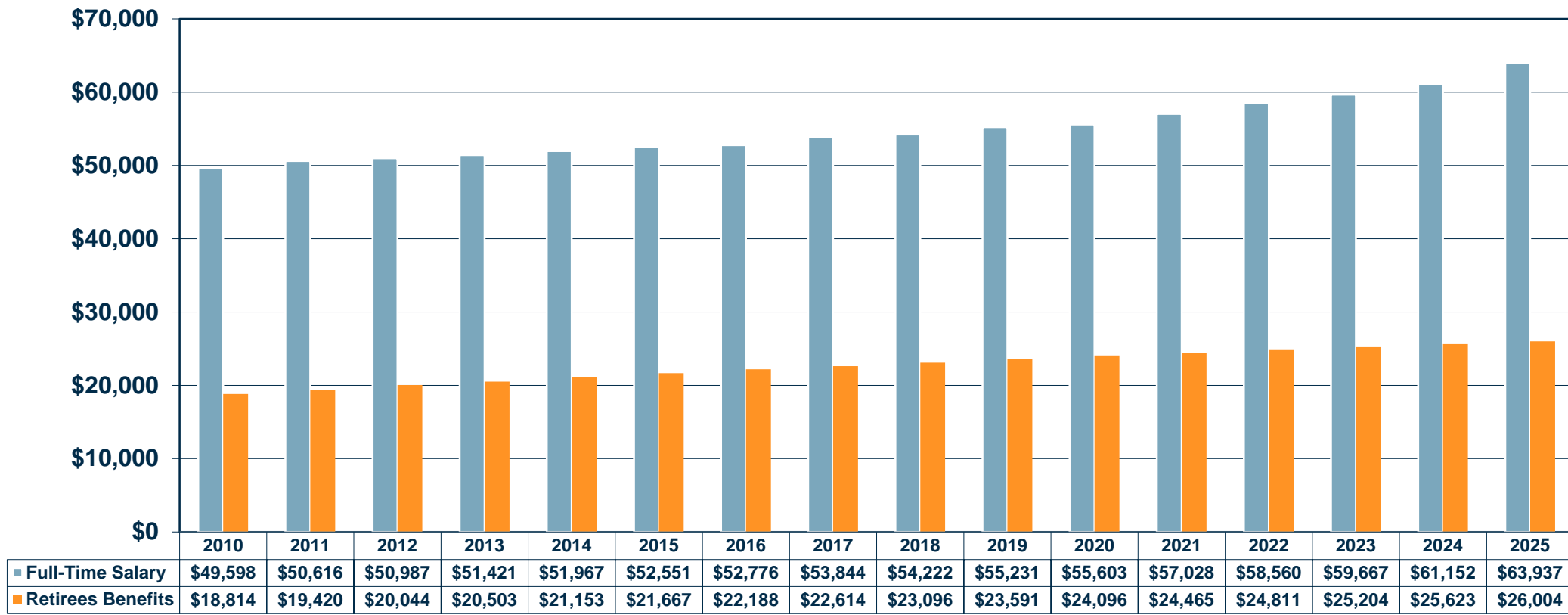
Amortization period remained at 21 years. Using the market value of assets, it would be 19 years.

Active and Retired Membership



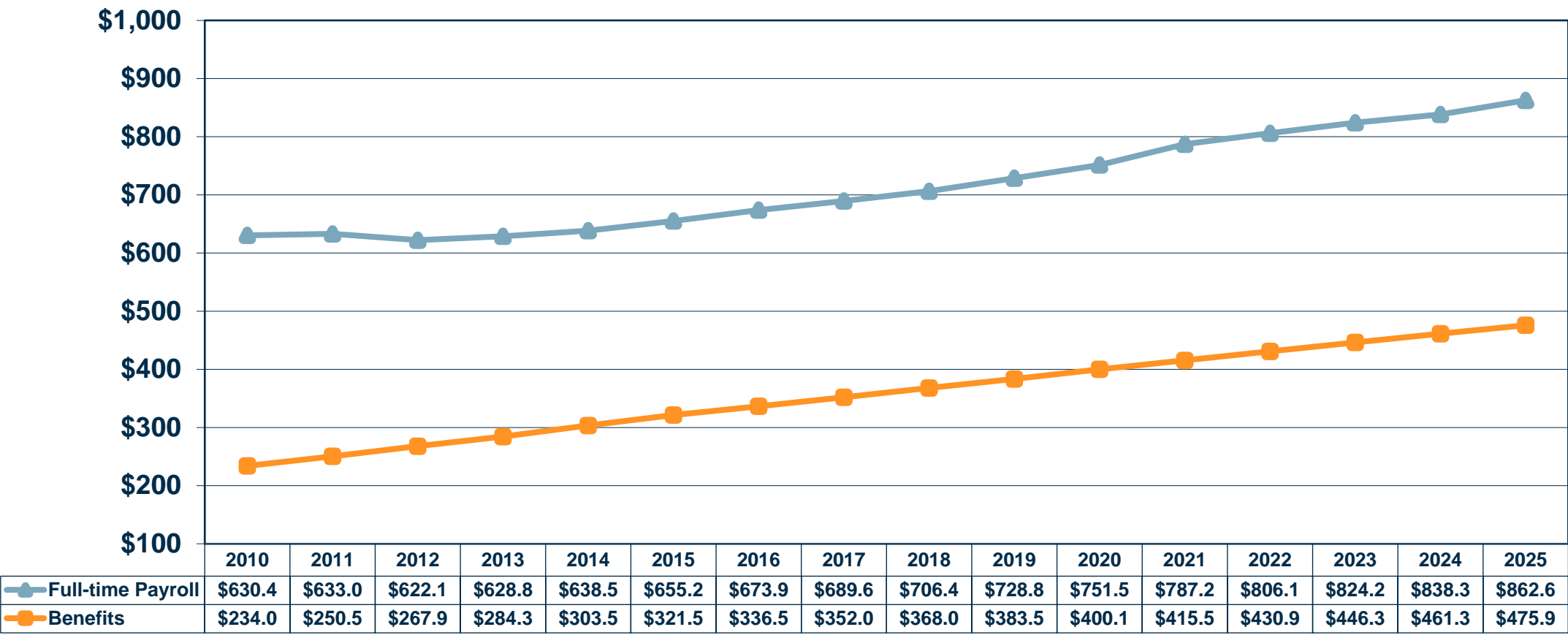
0.4% annual increase for active members since 2010; 0.1% increase for 2025.
2.6% annual increase for retired members since 2010; 1.7% increase for 2025.
1.5 actives per retiree 15 years ago; 1.1 actives per retiree now.

Average Salary and Benefits

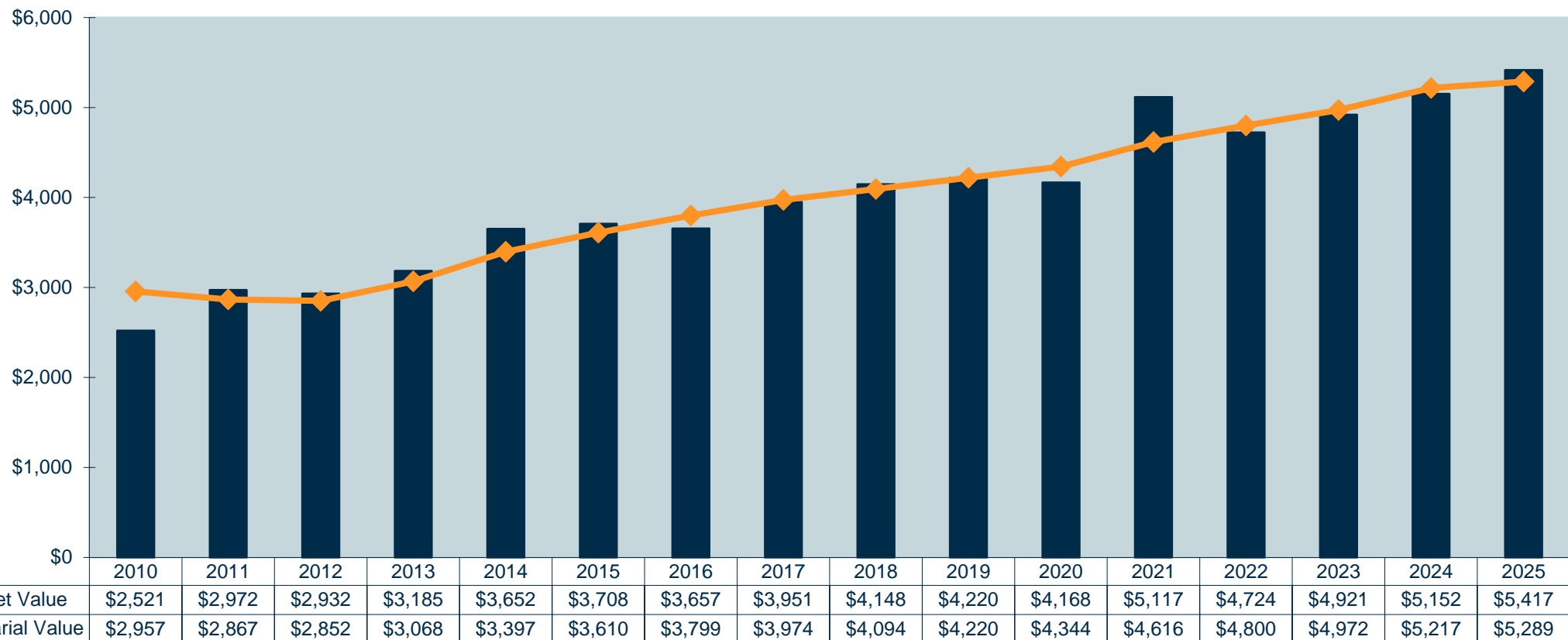


1.7% annual increase for average salary since 2010; 4.6% increase for 2025.
2.2% annual increase for average benefits since 2010; 1.5% increase for 2025.

Payroll & Benefits (Millions)

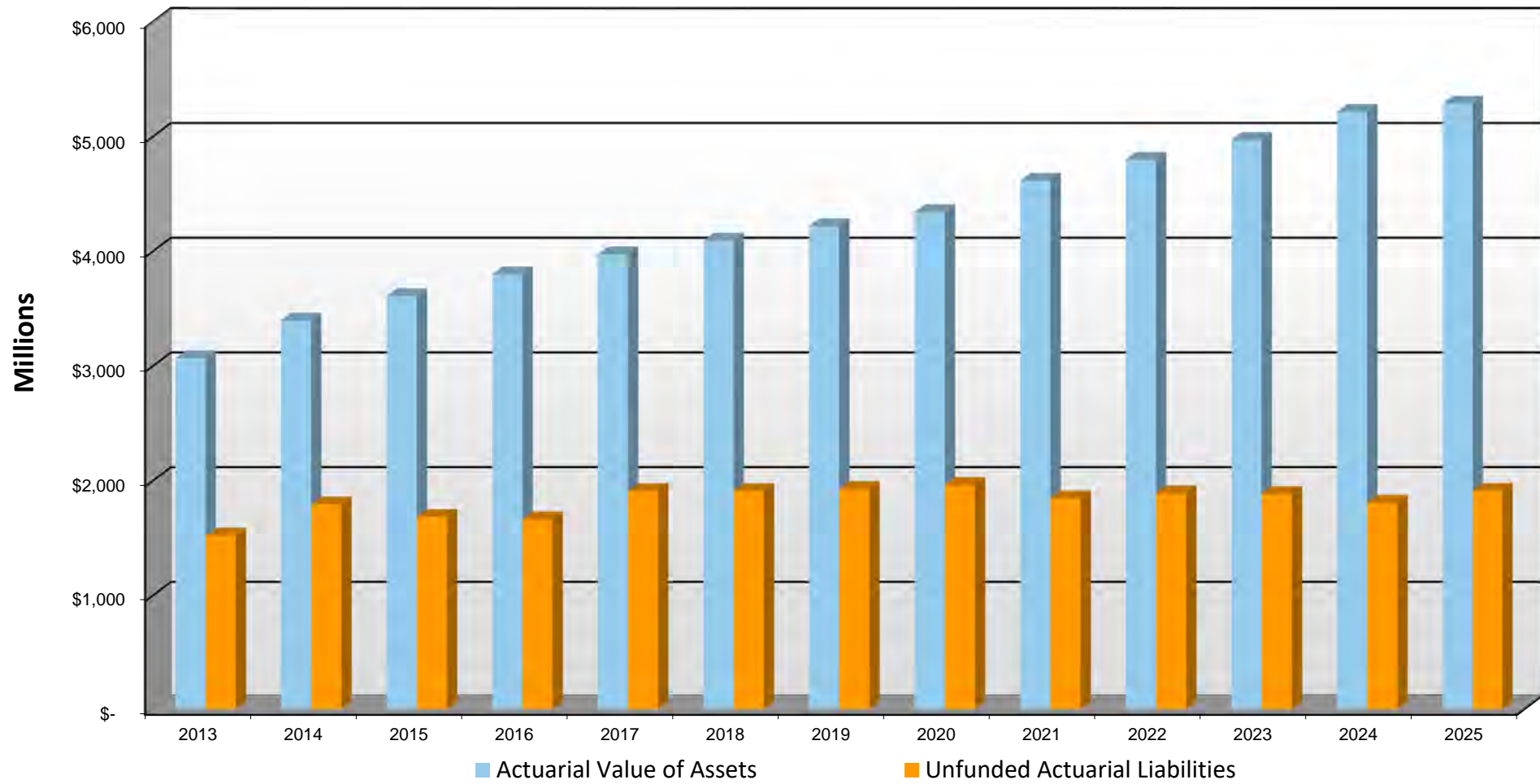


Assets (\$ Millions)



	2010	2011	2012	2013	2014	2015	2016	2017	2018	2019	2020	2021	2022	2023	2024	2025
Market Return	12.9%	21.7%	2.2%	12.9%	17.1%	4.6%	2.1%	11.9%	8.8%	5.7%	2.7%	27.7%	(4.1)%	8.3%	8.9%	9.4%
Actuarial Return	9.8%	(0.1)%	3.2%	12.0%	13.2%	9.6%	8.8%	8.2%	6.9%	7.0%	7.0%	10.7%	8.1%	7.7%	9.1%	5.5%

Actuarial Assets vs. UAAL

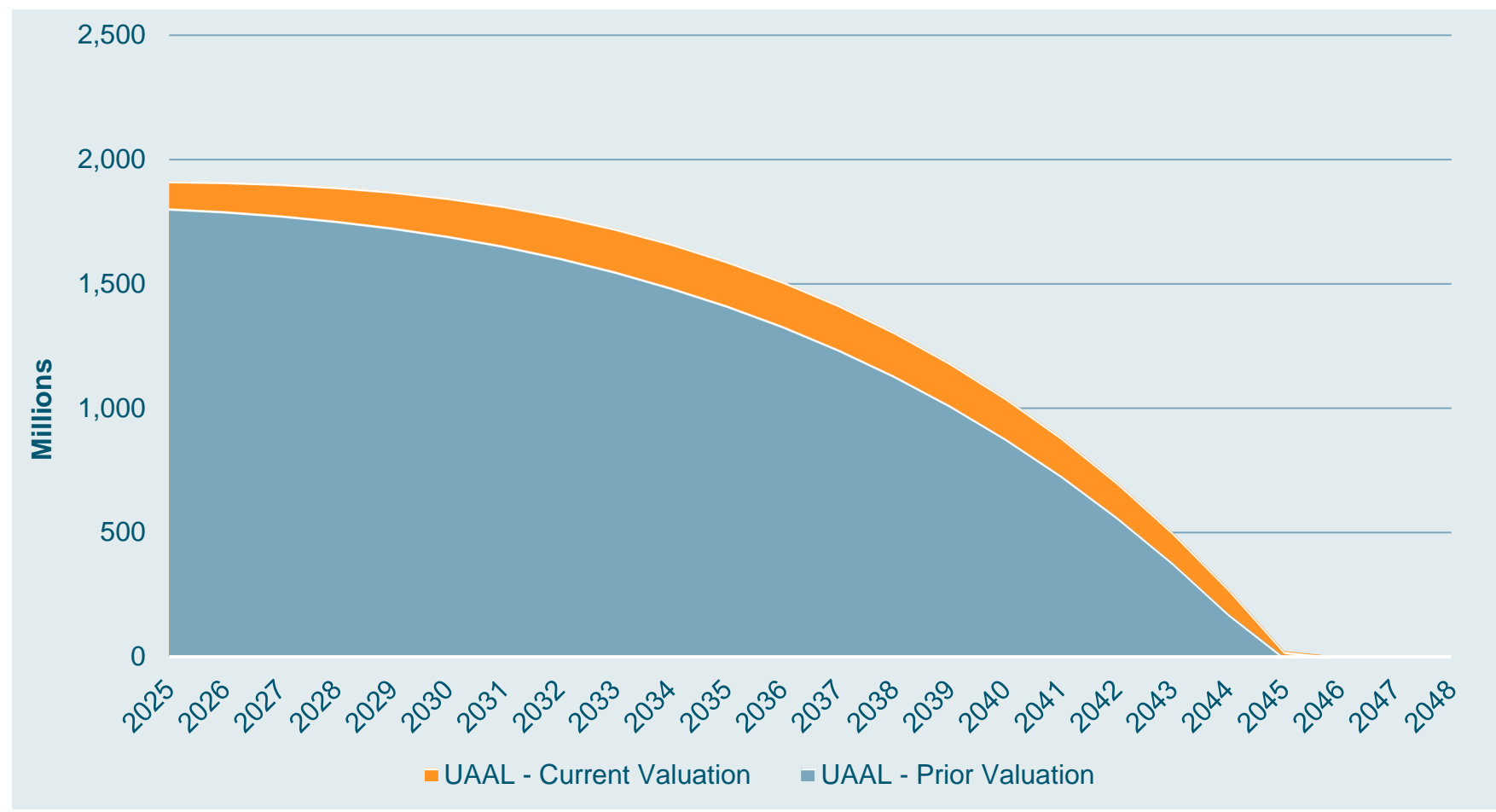


Funding Results

	July 1, 2025 Valuation	July 1, 2024 Valuation
Total Normal Cost Rate	10.80%	10.76%
Less Member Rate	<u>8.15%</u>	<u>8.15%</u>
Employer Normal Cost Rate	2.65%	2.61%
Rate to Amortize UAL	<u>9.31%</u>	<u>9.35%</u>
Total Employer Statutory Rate	11.96%	11.96%
Actuarial Accrued Liability	\$7,201.7 million	\$7,025.6 million
Actuarial Value of Assets	\$5,288.7 million	\$5,217.2 million
Unfunded Accrued Liability	\$1,913.0 million	\$1,808.4 million
Funded Ratio	73.44%	74.26%
Amortization Period	21 Years	21 Years



Progress Toward 100% Funding



Since the June 30, 2024 valuation, the expected full funding date has moved from 2045 to 2046.



- HB 924 was passed in the 2025 Legislative Session
 - 9.47% contribution rate for fiscal year 2026 and 2027
 - Beginning July 1, 2027, contribution rate will increase by 0.1%/year
 - 11.47% contribution rate for fiscal year 2047+
 - Reduced the amortization period by 1 year
- The State established a pension reserve fund with the potential for transfers to TRS if the inception to date return falls below 7.3%
 - No assumption for transfers, so no impact on the valuation results



Upcoming Experience Study

- Experience study to be performed in Spring 2026
 - Any changes would be reflected in the July 1, 2026 valuation
 - Assumption changes may require updates to optional form factors



TAB 6

MONTANA

BOARD OF INVESTMENTS

TO: Members of the Board
FROM: Dan Villa, Executive Director, and Jon Putnam, CIO
DATE: December 10, 2025
RE: Tab 6, Investment Policy Statements

Staff recommends the following revisions:

30.300 – Chief Operating Officer/Deputy Director and 90.300 – Executive Director Continuity:

Remove reference to Deputy Director position.

40.204 – (CAPP) Private Investments Class Investment Policy Statement:

Add Cambridge Associates private investment benchmark as a secondary benchmark to the Board's quarterly report from the general consultant.

70.750 – Montana Housing Infrastructure Revolving Loan Fund:

Revises the maximum bond guarantee from \$10 million per bond to 10% of the funds in the Montana Housing Infrastructure Revolving Loan Fund, which is consistent with the limitations of the Board's approach to Commercial Loans (Policy 70.720 I.A.8).

BOARD ADOPTED POLICY

EFFECTIVE DATE: TBD ~~June 4, 2025~~

TITLE: Chief Operating Officer/~~Deputy Director~~
SUPERSEDES: ~~June 4, 2025~~ April 20, 2022

REVIEWED: December 10, 2025~~June~~

I. Chief Operating Officer/~~Deputy Director~~

- A. To ensure continuity the Chief Operating Officer/~~Deputy Director~~ is empowered by the Board to carry out the duties of the Executive Director in his/her absence unless there are specific written policies or instructions from the Board to the contrary.
- B. The Executive Director shall establish a written protocol to ensure continuity in his/her absence and pursuant to Policy 90.300.

Authority: Montana Constitution, Article VIII, Section 13
Section 2-15-1808, MCA
Section 5-11-222, MCA
Section 17-6-201, MCA

Adopted: November 30, 2021

Revised: TBD ~~June 4, 2025~~

Reviewed: December 10, 2025 ~~June 4, 2025~~

MONTANA
BOARD OF INVESTMENTS

BOARD ADOPTED POLICY

POLICY NUMBER: 90.300	EFFECTIVE DATE: IBD June 4, 2025
TITLE: Executive Director Continuity 2022	SUPERSEDES: June 4, 2025 September 23, 2022
BOARD ADOPTION: November 30, 2021 2025	REVIEWED: December 10, 2025 June 4, 2025

I. Executive Director Continuity

- A. Mr. Dan Villa is the Executive Director of the Board as of September 25, 2018.
- B. Ms. Peggy MacEwen is the Chief Operating Officer/~~Deputy Director~~ of the Board as of December 2, 2019. ~~On October 9, 2024, the Board approved to rename the position as Chief Operating Officer/Deputy Director.~~
- C. Mr. Jon Putnam is the Chief Investment Officer (CIO) of the Board as of February 12, 2020.
- D. The Board has empowered the Executive Director certain critical authority and duties as outlined in Policy 30.200, including the ability to sign any and all documents required to conduct Board business, unless there are specific written policies or instructions from the Board to the contrary.
- E. The Board has delegated certain critical authority and duties to its Executive Director that must be exercised and performed in the absence of the Executive Director.
- F. The Executive Director may be incapacitated or temporarily absent from the office under circumstances that render the Executive Director unavailable to exercise such authority and perform such duties.
- G. The Executive Director or the Chief Operating Officer/~~Deputy Director~~ shall notify the Board Chair immediately at any time the Executive Director, due to incapacity or a temporary absence from the office, is unable to perform his/her duties. Incapacity means the occurrence of a mental or physical disability rendering the Executive Director incapable of exercising his/her authority and carrying out his/her duties.
- H. During an incapacity of the Executive Director, the Chief Operating Officer/~~Deputy Director~~ is hereby designated Acting Executive Director.
- I. The Executive Director may, after notifying the Board Chair, delegate his/her executive authority to the Chief Operating Officer/~~Deputy Director~~ to serve as Acting Executive Director during periods of official travel or authorized leave away from the Board's office, if in the judgment of the Executive Director, such delegation would be in the best interest of the Board.
- J. During any period that the Chief Operating Officer/~~Deputy Director~~ is not available to assume the role of Acting Executive Director, the CIO shall serve as Acting Executive Director.
- K. The Acting Executive Director shall operate only within the authority and parameters established in the Board's Policy.

Authority: Montana Code Annotated, Art. VIII, Section 13
Section 2-15-1808, MCA
Section 17-6-201, MCA

Adopted: November 30, 2021
Revised: ~~IBD~~June 4, 2025
Reviewed: ~~December 10, 2025~~June 4, 2025

MONTANA
BOARD OF INVESTMENTS

BOARD ADOPTED POLICY

POLICY NUMBER: 40.204	EFFECTIVE DATE: IBD May 22, 2024
TITLE: Private Investments Asset Class Investment Policy Statement	SUPERSEDES: May 22, 2024 May 26, 2022
BOARD ADOPTION: November 30, 2021 2024	REVIEWED: December 10, 2025 May 22,

I. Introduction

- A. The purpose of this policy is to provide a framework for the Private Investment Asset Class under the guidance of the Board.

II. Purpose

- A. The purpose of this policy is to:
1. Establish the investment objectives and performance standards of the Asset Class; and
 2. Provide diversified exposure to the Private Investments markets in a prudent and cost-effective manner.

III. Investment Objective

- A. Strategic - The objective of the Private Investments Asset Class is to attain the highest possible return within the parameters of the Investment Objective and Guidelines set forth below.

B. Performance

1. There is no generally accepted benchmark index for private investment performance comparisons. Characteristically, private partnership investments are impacted by the “J-curve” effect, in which fees and transaction costs create negative returns during the initial investment years before distributions are realized. Private investments require a long-time horizon to realize the value provided by the creation or restructuring of private companies.
2. The performance objective for the Private Investments Asset Class is the achievement of long-term net returns (after management fees and general partner’s carried interest) above a benchmark reflecting public equity market returns.
3. Success in achieving this objective will be measured by comparing the net return of the Private Investments Asset Class to the weighted average of the MSCI USA Small Cap Index (Private Equity) and the S&P Leveraged Loan Index (Private Credit) (the Benchmark) on an annualized basis. Performance results will be monitored quarterly. However, the success in achieving the objective will be measured on a five (5) year and ten (10) year annualized basis.

4. The board’s general consultant will use Cambridge Associates private investment benchmarks as a secondary measure of the Private Investments Asset Class returns against peer group data. This data will be provided in the quarterly performance reports.

C. Investment Guidelines

1. Staff will have full discretion to manage the Private Investments Asset Class consistent with this policy. Compliance with the following guidelines for permitted investments and other restrictions is the sole responsibility of the Staff. Any exceptions or compliance violations are to be reported

to the Board at the next scheduled quarterly Board meeting.

- 2. Most of the Private Investments Asset Class investments will be managed by external investment managers via a partnership structure in which the Board will have a limited partnership interest.

D. Permitted Investments

- 1. The Private Investments Asset Class may invest only in the following:
 - a) Private Investment partnership interests. These private partnerships may be direct limited partnerships, limited liability companies, or vehicles that primarily invest in partnerships, including Fund-of-Funds and Secondary Funds;
 - b) Investments held in separate accounts or commingled funds managed by external investment managers and governed by their respective investment management contracts and investment guidelines;
 - c) The Private Investments Asset Class may co-invest with private investment managers in transactions that are suitable for inclusion into a private investment partnership;
 - d) Individual public or private securities received as distributions from funds;
 - e) Exchange-Traded Funds (ETFs) based on a public equity index that is approved by the CIO and purchased and monitored by Staff; and
 - f) Cash – either an investment in the STIP, a vehicle available through the Custodian, or an SEC registered money market fund that is considered a “US Treasury” or “US Government” money market fund per the SEC regulations.

E. Other Restrictions

- 1. The Montana Public Retirement Plan assets as a percentage of Net Asset Value invested in a single Direct Limited Partnership shall be no greater than two percent (2%).
- 2. No more than forty percent (40%) of the aggregate of the Private Investments Asset Class net asset value should be considered “Non-U.S.” exposure based on the primary objective of the Fund, Partnership, Separate Account, or Index.
- 3. No more than thirty five percent (35%) of the aggregate of the Private Investments Asset Class net asset value shall be invested in direct co-investments.
- 4. Individual public securities received as distributions will be liquidated over a reasonable time-period dependent on market conditions.

F. The following table provides a guideline range with respect to Private Investments strategy diversification. These ranges reference the Private Investments Asset Class net asset value.

<u>Strategy</u>	<u>Policy Range</u>
Buyout and all other private equity related strategies not related to Venture Capital or Private Credit	50% - 100%
Venture Capital	0% - 25%
Private Credit	0% - 50%

- 1. For the purpose of the ranges provided above, funds will be classified in the category that is most reflective of the underlying investments in the funds.

G. If at any time, due to market fluctuations or any other circumstances, any of the guidelines are not maintained, Staff will use its best efforts to conform to these limits in a timely manner, while considering current market conditions and the associated costs of rebalancing. At the Board’s next regularly scheduled quarterly meeting, the CIO shall inform the Board of any situations where the

Private Investments Asset Class allocations were outside of the limits and either inform the Board of the actions that were taken to return the Private Investments Asset Class back within guidelines or a plan to do so.

Authority: Montana Constitution, Article VIII, Section 13
Section 2-15-1808, MCA
Section 17-6-201, MCA
Sections 17-6-204 and -205, MCA
Section 19-2-504, MCA

MONTANA

BOARD OF INVESTMENTS

POLICY NUMBER: 70.750	EFFECTIVE DATE: IBD <u>June 4, 2025</u>
TITLE: Montana Housing Infrastructure Revolving Loan Fund Account	SUPERSEDES: <u>June 4, 2025</u> NEW
BOARD ADOPTION: June 4, 2025 2025	REVIEWED: <u>December 10, 2025</u> June 4,

I. Introduction

- A. The purpose of this policy is to provide a framework for the Montana Housing Infrastructure Revolving Fund under the guidance of the Board.
- B. The Montana Housing Infrastructure Revolving Loan Fund was established in 2023 to "increase home ownership and provide more long-term rental opportunity; increase housing supply and offer diverse housing types to meet the needs of population growth; and to create partnerships between the state, local governments, private sector developers, and applicants for residential development to finance necessary infrastructure for housing."
- C. The board will have full discretion to manage the Montana Housing Infrastructure Revolving Fund in a way that is consistent with this policy. Compliance with the following guidelines for permitted investments and other restrictions is the sole responsibility of the Staff. Any exceptions or compliance violations are to be reported to the Board at the next scheduled quarterly Board meeting.

II. Objective

- A. Within the parameters established in this policy, meet the statutory objectives of increasing homeownership, providing more long-term rental opportunities, increasing housing supply, and attaining sufficient total return for all investments.

III. Montana Housing Infrastructure Revolving Fund

A. General Parameters

- 1. The program is funded by two allocations from the state general fund:
 - a) \$106 million in the fiscal year beginning July 1, 2023; and
 - b) \$50 million in the fiscal year beginning July 1, 2025
- 2. The Board does not lend directly to businesses and only participates with Approved Lenders in loans to Montana entities.
- 3. Approved Lenders originate all loans and submit loan applications and loan reservation forms.
- 4. The term Borrower means the Borrower applying for a loan from the Lender.

B. Permitted Use of Funds

- 1. STIP;
- 2. United States Treasury Securities; and
- 3. Up to \$106 million may be used for projects meeting a minimum gross density of ten units per acre, which shall be invested in:

- a) Loans and securities to local governments or residential developers for infrastructure or the demolition thereof, and pursuant to Policies 70.751 and 70.752; and
 - b) Fully collateralized, interest-bearing Demand Deposit Accounts at Montana-domiciled banks and credit unions linked to projects containing provisions for affordability as determined in Policies 70.751 and 70.752.
4. Up to \$50 million may be used for projects meeting a minimum gross density of three units per acre, which shall be invested in:
- a) Loans and securities to local governments or residential developers for infrastructure or the demolition thereof pursuant to Policies 70.751 and 70.752; and
 - b) Fully collateralized, interest-bearing Demand Deposit Accounts at Montana-domiciled banks and credit unions linked to projects containing provisions for affordability as determined in Policies 70.751 and 70.752.
5. Interest and income from (1) and (2) above may be used for:
- a) Loans and securities to local governments or residential developers for infrastructure or the demolition thereof pursuant to Policy 70.751 and 70.752;
 - b) Fully collateralized, interest-bearing Demand Deposit Accounts at Montana-domiciled banks and credit unions linked to projects containing provisions for affordability as determined in Policies 70.751 and 70.752; and
 - c) Loans to residential owners in partnership with approved lenders for mobile home parks or other multifamily housing.
6. Bond guarantees are a loan to the issuer in an amount equal to the bond's reserve fund deficiency, not to exceed ~~\$40 million~~10% of the Montana Housing Infrastructure Revolving Loan Fund Account per bond in lieu of a pledge of the issuer's revolving loan fund and may be provided as follows:
- a) Up to \$70.3 million if a project has a minimum gross density of ten units per acre and provides provisions of affordability as determined in Policies 70.751 and 70.752; or
 - b) Up to \$33.3 million if a project has a minimum gross density of three units per acre.

Authority: Montana Code Annotated, Art. VIII, Section 13
Montana Constitution, Article IX, Section 5
Section 2-15-1808, MCA
Section 17-1-113, MCA
Sections 17-6-201 through 17-6-205, MCA
Section 17-6-308, MCA
Sections 17-6-801 through 17-6-805, MCA
House Bill No. 505 (2025)

TAB 7

RVK

Quarterly Investment Performance Analysis

Montana Board of Investments

September 30, 2025

Montana Board of Investments
Comparative Performance
Retirement Plans

As of September 30, 2025

	QTD/ FYTD	CYTD	1 Year	3 Years	5 Years	7 Years	10 Years	20 Years	2024	2023	2022	2021	2020	Since Incep.	Inception Date
Public Employees' Retirement - Net	4.12	9.60	9.15	11.65	9.40	8.24	8.74	7.27	8.75	11.46	-8.48	17.61	11.94	7.89	07/01/1994
Public Employees' Benchmark	5.62	12.23	11.10	13.70	9.50	7.92	8.71	N/A	8.94	12.75	-10.81	13.79	12.22	N/A	
Difference	-1.50	-2.64	-1.94	-2.05	-0.10	0.32	0.03	N/A	-0.19	-1.28	2.33	3.82	-0.28	N/A	
Public Employees' Retirement - Gross	4.25	10.41	10.13	12.55	10.20	8.98	9.42	7.86	9.66	12.21	-7.89	18.32	12.53	8.28	07/01/1994
All Public Plans (>\$5B) Total Fund Median	4.35	11.08	10.52	12.12	9.30	8.27	8.77	7.33	9.30	11.34	-9.52	16.82	12.03	8.21	
Rank	58	66	61	45	28	19	20	12	42	30	37	30	36	44	
Teachers' Retirement - Net	4.12	9.58	9.14	11.63	9.38	8.23	8.73	7.27	8.76	11.44	-8.52	17.61	11.93	7.89	07/01/1994
Teachers' Benchmark	5.62	12.22	11.08	13.68	9.48	7.91	8.70	N/A	8.95	12.71	-10.86	13.78	12.21	N/A	
Difference	-1.50	-2.63	-1.94	-2.04	-0.10	0.32	0.04	N/A	-0.19	-1.27	2.34	3.83	-0.28	N/A	
Teachers' Retirement - Gross	4.24	10.39	10.12	12.53	10.18	8.97	9.41	7.85	9.67	12.19	-7.93	18.32	12.52	8.29	07/01/1994
All Public Plans (>\$5B) Total Fund Median	4.35	11.08	10.52	12.12	9.30	8.27	8.77	7.33	9.30	11.34	-9.52	16.82	12.03	8.21	
Rank	58	66	62	46	28	19	20	13	42	30	38	30	36	44	
Police Retirement - Net	4.12	9.60	9.17	11.66	9.40	8.25	8.75	7.25	8.77	11.49	-8.48	17.58	11.95	7.78	07/01/1994
Police Benchmark	5.62	12.23	11.11	13.72	9.51	7.93	8.72	N/A	8.97	12.77	-10.80	13.73	12.23	N/A	
Difference	-1.50	-2.63	-1.94	-2.06	-0.11	0.32	0.03	N/A	-0.20	-1.29	2.32	3.85	-0.29	N/A	
Police Retirement - Gross	4.25	10.41	10.15	12.56	10.20	8.98	9.42	7.83	9.68	12.24	-7.89	18.28	12.54	8.17	07/01/1994
All Public Plans (>\$5B) Total Fund Median	4.35	11.08	10.52	12.12	9.30	8.27	8.77	7.33	9.30	11.34	-9.52	16.82	12.03	8.21	
Rank	58	66	61	45	28	19	20	13	42	30	37	30	36	53	

Net performance shown is net of all manager fees and expenses (Net-All). All Public Plans > \$5B Total Fund Median is reported gross of fees. Benchmark returns reflect unmanaged indices which are not impacted by management fees. Fiscal year ends on 06/30. Since inception performance may vary from State Street reported performance due to calculation methodology differences.

**Montana Board of Investments
Comparative Performance
Retirement Plans**

As of September 30, 2025

	QTD/ FYTD	CYTD	1 Year	3 Years	5 Years	7 Years	10 Years	20 Years	2024	2023	2022	2021	2020	Since Incep.	Inception Date
Firefighters' Retirement - Net	4.12	9.60	9.16	11.66	9.40	8.25	8.75	7.26	8.76	11.49	-8.47	17.58	11.95	7.77	07/01/1994
Firefighters' Benchmark	5.62	12.23	11.11	13.71	9.50	7.93	8.71	N/A	8.96	12.77	-10.80	13.73	12.23	N/A	
Difference	-1.50	-2.63	-1.95	-2.05	-0.10	0.32	0.03	N/A	-0.20	-1.28	2.32	3.86	-0.28	N/A	
Firefighters' Retirement - Gross	4.25	10.41	10.14	12.56	10.20	8.98	9.42	7.85	9.67	12.24	-7.88	18.28	12.53	8.16	07/01/1994
All Public Plans (>\$5B) Total Fund Median	4.35	11.08	10.52	12.12	9.30	8.27	8.77	7.33	9.30	11.34	-9.52	16.82	12.03	8.21	
Rank	58	66	61	45	28	19	20	13	42	30	37	30	36	53	
Sheriffs' Retirement - Net	4.12	9.59	9.15	11.63	9.40	8.24	8.74	7.26	8.75	11.45	-8.47	17.61	11.94	7.80	07/01/1994
Sheriffs' Benchmark	5.61	12.22	11.08	13.66	9.48	7.91	8.70	N/A	8.94	12.67	-10.81	13.79	12.22	N/A	
Difference	-1.50	-2.63	-1.94	-2.03	-0.09	0.33	0.04	N/A	-0.19	-1.23	2.34	3.82	-0.28	N/A	
Sheriffs' Retirement - Gross	4.24	10.40	10.13	12.54	10.19	8.98	9.42	7.85	9.66	12.20	-7.87	18.32	12.53	8.19	07/01/1994
All Public Plans (>\$5B) Total Fund Median	4.35	11.08	10.52	12.12	9.30	8.27	8.77	7.33	9.30	11.34	-9.52	16.82	12.03	8.21	
Rank	58	66	62	45	28	19	20	13	42	30	37	30	36	52	
Highway Patrol Retirement - Net	4.12	9.59	9.15	11.63	9.39	8.24	8.74	7.27	8.75	11.42	-8.46	17.62	11.94	7.79	07/01/1994
Highway Patrol Benchmark	5.61	12.22	11.09	13.64	9.47	7.91	8.70	N/A	8.95	12.59	-10.79	13.80	12.24	N/A	
Difference	-1.49	-2.63	-1.94	-2.01	-0.08	0.33	0.04	N/A	-0.19	-1.17	2.33	3.83	-0.30	N/A	
Highway Patrol Retirement - Gross	4.24	10.40	10.13	12.53	10.19	8.98	9.42	7.86	9.66	12.17	-7.87	18.33	12.53	8.18	07/01/1994
All Public Plans (>\$5B) Total Fund Median	4.35	11.08	10.52	12.12	9.30	8.27	8.77	7.33	9.30	11.34	-9.52	16.82	12.03	8.21	
Rank	58	66	62	46	28	19	20	12	42	30	37	29	36	53	

Net performance shown is net of all manager fees and expenses (Net-All). All Public Plans > \$5B Total Fund Median is reported gross of fees. Benchmark returns reflect unmanaged indices which are not impacted by management fees. Fiscal year ends on 06/30. Since inception performance may vary from State Street reported performance due to calculation methodology differences.

**Montana Board of Investments
Comparative Performance
Retirement Plans**

As of September 30, 2025

	QTD/ FYTD	CYTD	1 Year	3 Years	5 Years	7 Years	10 Years	20 Years	2024	2023	2022	2021	2020	Since Incep.	Inception Date
Game Wardens' Retirement - Net	4.12	9.59	9.15	11.64	9.39	8.24	8.74	7.25	8.75	11.43	-8.48	17.62	11.91	7.81	07/01/1994
Game Wardens' Benchmark	5.61	12.23	11.09	13.65	9.47	7.90	8.70	N/A	8.95	12.60	-10.82	13.79	12.18	N/A	
Difference	-1.49	-2.63	-1.94	-2.01	-0.08	0.34	0.04	N/A	-0.19	-1.17	2.35	3.82	-0.27	N/A	
Game Wardens' Retirement - Gross	4.24	10.40	10.13	12.54	10.19	8.97	9.42	7.83	9.67	12.18	-7.88	18.32	12.50	8.20	07/01/1994
All Public Plans (>\$5B) Total Fund Median	4.35	11.08	10.52	12.12	9.30	8.27	8.77	7.33	9.30	11.34	-9.52	16.82	12.03	8.21	
Rank	58	66	61	45	28	19	20	13	42	30	37	30	37	52	
Judges' Retirement - Net	4.13	9.61	9.16	11.65	9.40	8.24	8.75	7.27	8.76	11.46	-8.50	17.63	11.94	7.80	07/01/1994
Judges' Benchmark	5.62	12.25	11.11	13.71	9.50	7.92	8.71	N/A	8.96	12.73	-10.84	13.80	12.22	N/A	
Difference	-1.50	-2.64	-1.95	-2.05	-0.10	0.32	0.03	N/A	-0.20	-1.28	2.35	3.83	-0.28	N/A	
Judges' Retirement - Gross	4.25	10.42	10.14	12.56	10.20	8.98	9.42	7.86	9.67	12.21	-7.91	18.34	12.53	8.19	07/01/1994
All Public Plans (>\$5B) Total Fund Median	4.35	11.08	10.52	12.12	9.30	8.27	8.77	7.33	9.30	11.34	-9.52	16.82	12.03	8.21	
Rank	58	66	61	45	28	19	20	12	42	30	37	29	36	52	
Volunteer Firefighters' Retirement - Net	4.13	9.61	9.16	11.65	9.39	8.24	8.73	7.26	8.76	11.44	-8.50	17.61	11.94	7.64	07/01/1994
Volunteer Firefighters' Benchmark	5.63	12.23	11.09	13.67	9.49	7.91	8.70	N/A	8.96	12.66	-10.86	13.85	12.18	N/A	
Difference	-1.50	-2.62	-1.93	-2.03	-0.09	0.33	0.02	N/A	-0.19	-1.22	2.36	3.76	-0.24	N/A	
Volunteer Firefighters' Retirement - Gross	4.26	10.42	10.14	12.55	10.19	8.97	9.40	7.85	9.68	12.19	-7.91	18.31	12.53	8.03	07/01/1994
All Public Plans (>\$5B) Total Fund Median	4.35	11.08	10.52	12.12	9.30	8.27	8.77	7.33	9.30	11.34	-9.52	16.82	12.03	8.21	
Rank	58	66	61	45	28	19	21	13	42	30	38	30	36	58	

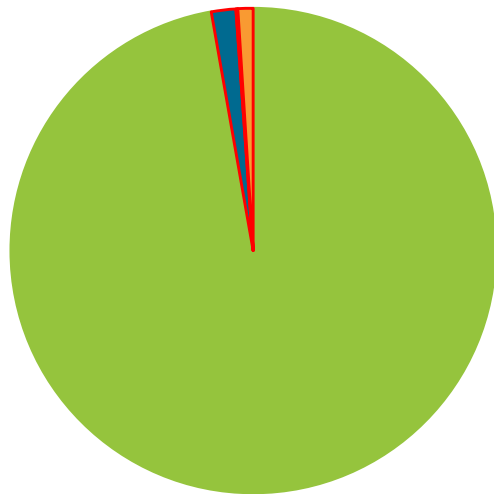
Net performance shown is net of all manager fees and expenses (Net-All). All Public Plans > \$5B Total Fund Median is reported gross of fees. Benchmark returns reflect unmanaged indices which are not impacted by management fees. Fiscal year ends on 06/30. Since inception performance may vary from State Street reported performance due to calculation methodology differences.

Montana Board of Investments
Asset Allocation by Segment
Retirement Plans

As of September 30, 2025

	Consolidated Asset Pension Pool (CAPP)		Short Term Investment Pool (STIP)		Total Fund	
	(\$)	%	(\$)	%	(\$)	%
Public Employees' Retirement	7,781,524,902	47.95	79,582,161	47.86	7,861,107,063	47.95
Teachers' Retirement	5,505,693,499	33.93	56,388,999	33.91	5,562,082,498	33.93
Firefighters' Retirement	779,208,679	4.80	8,142,113	4.90	787,350,791	4.80
Police Retirement	682,058,906	4.20	7,078,465	4.26	689,137,371	4.20
Sheriffs' Retirement	628,051,325	3.87	6,586,343	3.96	634,637,668	3.87
Game Wardens' Retirement	394,547,730	2.43	3,900,243	2.35	398,447,974	2.43
Highway Patrol Retirement	244,605,202	1.51	2,459,738	1.48	247,064,940	1.51
Judges' Retirement	150,496,399	0.93	1,513,594	0.91	152,009,993	0.93
Volunteer Firefighters' Retirement	61,280,734	0.38	616,112	0.37	61,896,846	0.38
Retirement Plans Total Fund Composite	16,227,467,377	98.99	166,267,767	1.01	16,393,735,144	100.00

September 30, 2025 : \$16,393,735,144



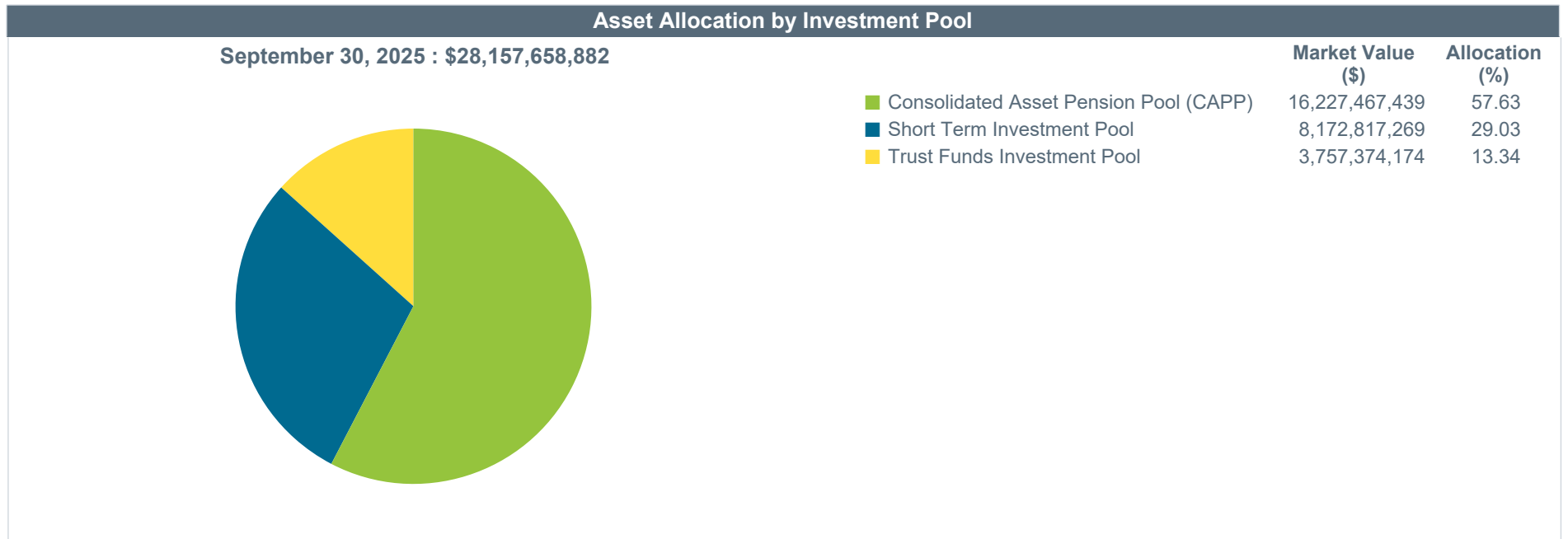
Segments	Market Value (\$)	Allocation (%)
CAPP Ex Cash	15,939,947,578	97.23
CAPP Cash Pension	267,728,844	1.63
CAPP Asset Class Cash	19,790,955	0.12
Short Term Investment Pool (STIP)	166,267,767	1.01
Total Cash	453,787,566	2.77

Allocations shown may not sum up to 100% exactly due to rounding. Retirement Plan market values may differ from State Street due to uninvested amounts not included in segment totals.

Montana Board of Investments
Investment Pools Performance & Allocation

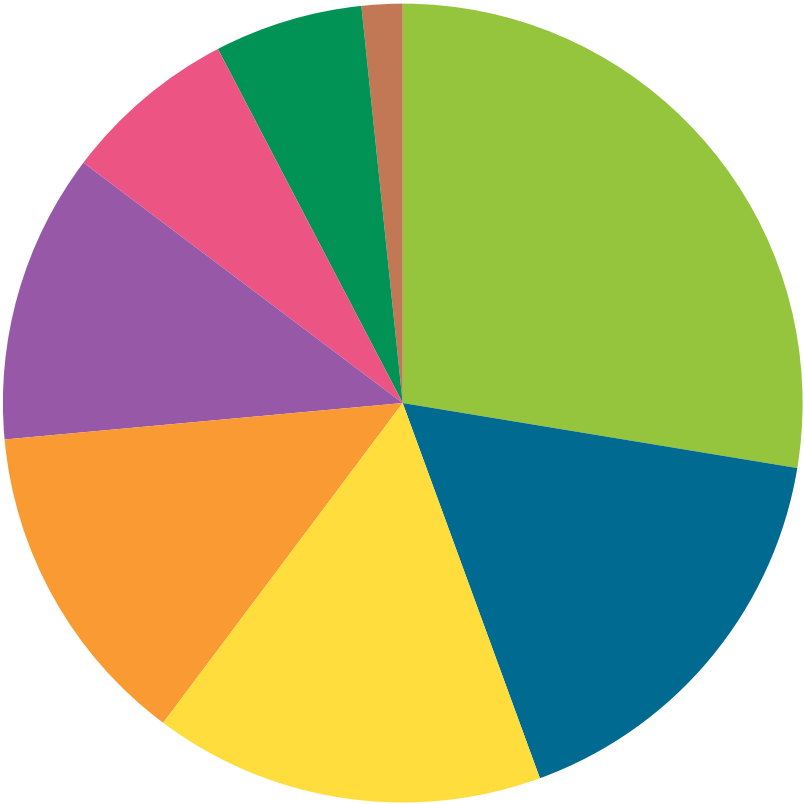
As of September 30, 2025

Comparative Performance														
	QTD/ FYTD	CYTD	1 Year	3 Years	5 Years	7 Years	10 Years	2024	2023	2022	2021	2020	Since Incep.	Inception Date
Consolidated Asset Pension Pool (CAPP)	4.16	9.67	9.20	11.72	9.47	8.32	N/A	8.79	11.53	-8.60	17.83	12.10	8.64	04/01/2017
CAPP Custom Benchmark	5.67	12.34	11.17	13.79	9.56	7.98	N/A	9.00	12.80	-10.99	13.95	12.38	8.41	
Difference	-1.51	-2.67	-1.97	-2.07	-0.09	0.33	N/A	-0.20	-1.28	2.39	3.87	-0.28	0.23	
Trust Funds Investment Pool	1.93	5.90	3.99	3.68	0.98	3.03	2.78	0.73	2.59	-6.26	1.49	7.23	5.29	10/01/1995
Trust Fund Custom Benchmark	2.00	5.95	3.62	2.78	0.57	2.81	2.36	-0.36	1.24	-5.04	0.71	7.51	4.50	
Difference	-0.06	-0.05	0.38	0.90	0.40	0.22	0.42	1.09	1.35	-1.22	0.78	-0.28	0.79	
Short Term Investment Pool	1.13	3.36	4.61	4.91	3.12	2.73	2.22	5.33	5.13	1.67	0.11	0.73	2.53	04/01/1997
Short Term Custom Index	1.10	3.31	4.55	4.99	3.13	2.67	2.18	5.42	5.28	1.69	0.04	0.36	2.46	
Difference	0.03	0.05	0.06	-0.08	-0.02	0.06	0.05	-0.09	-0.15	-0.02	0.07	0.37	0.07	
iMoney.net Money Fund (Gross) Median	1.14	3.41	4.66	5.05	3.21	2.83	2.32	5.35	5.38	1.83	0.15	0.73	2.54	
Difference	-0.01	-0.04	-0.05	-0.14	-0.10	-0.10	-0.10	-0.02	-0.25	-0.16	-0.05	0.00	-0.01	



Performance shown is net of all manager fees and expenses (Net-All). Benchmark returns reflect unmanaged indices which are not impacted by management fees. Fiscal year ends on 06/30. See the Addendum for custom index specification. Since inception performance may vary from State Street reported performance due to calculation methodology differences. Allocations shown may not sum up to 100% exactly due to rounding. Market values do not include pending transactions.

September 30, 2025 : \$16,227,470,293



	Market Value (\$)	Allocation (%)
Domestic Equity	4,478,792,632	27.60
Private Investments	2,731,059,242	16.83
International Equity	2,563,637,571	15.80
Core Fixed Income	2,161,325,591	13.32
Real Estate	1,904,319,267	11.74
Non-Core Fixed Income	1,147,107,471	7.07
Real Assets	973,499,675	6.00
Cash Pension	267,728,844	1.65

Allocations shown may not sum up to 100% due to rounding.

Montana Board of Investments
Comparative Performance
Consolidated Asset Pension Pool (CAPP)

As of September 30, 2025

	QTD/ FYTD	CYTD	1 Year	3 Years	5 Years	7 Years	10 Years	2024	2023	2022	2021	2020	Since Incep.	Inception Date
Domestic Equity	8.22	13.73	16.53	23.54	15.92	13.33	14.23	22.94	25.70	-18.98	27.17	20.09	10.72	05/01/2003
Domestic Equity Custom Index	8.25	14.48	17.47	24.26	15.90	13.86	14.88	23.82	26.25	-19.22	26.12	21.10	11.40	
Difference	-0.03	-0.75	-0.95	-0.72	0.02	-0.53	-0.65	-0.88	-0.55	0.24	1.04	-1.01	-0.68	
International Equity	6.04	24.51	16.50	20.15	9.63	7.45	8.31	6.45	14.91	-17.62	7.83	13.35	5.48	04/01/1997
International Equity Custom Index	6.86	25.97	16.39	20.50	10.22	7.44	8.24	5.23	15.62	-16.58	8.53	11.12	5.74	
Difference	-0.82	-1.46	0.11	-0.35	-0.58	0.01	0.07	1.22	-0.71	-1.04	-0.70	2.23	-0.26	
Core Fixed Income	2.06	6.05	2.43	4.78	-0.29	2.06	1.83	1.18	5.43	-11.91	-1.54	8.23	5.02	04/01/1995
Core Fixed Income Custom Index	2.03	6.13	2.88	4.93	-0.45	1.73	1.59	1.25	5.53	-13.01	-1.54	7.51	4.44	
Difference	0.03	-0.08	-0.45	-0.15	0.16	0.33	0.24	-0.07	-0.10	1.10	0.00	0.73	0.59	
Non-Core Fixed Income	3.69	9.28	8.57	10.95	4.74	4.77	5.24	7.21	11.10	-11.25	3.21	6.37	6.87	06/01/2009
Bloomberg US HY 2% Issuer Cap Index	2.54	7.22	7.41	11.09	5.54	5.32	6.16	8.19	13.44	-11.18	5.26	7.05	7.79	
Difference	1.15	2.06	1.16	-0.14	-0.80	-0.54	-0.92	-0.99	-2.35	-0.07	-2.05	-0.68	-0.92	
Real Assets	0.87	4.40	6.25	8.67	12.87	5.47	N/A	8.18	8.48	15.88	21.24	-13.43	5.93	04/01/2017
Real Assets Custom Index	8.07	22.05	13.05	12.92	13.38	3.04	6.99	2.60	4.39	1.36	13.32	-12.32	5.03	
Difference	-7.21	-17.66	-6.80	-4.25	-0.51	2.43	N/A	5.58	4.09	14.52	7.91	-1.11	0.91	
Real Estate	1.20	2.47	2.04	-1.75	5.28	4.66	6.08	-2.42	-5.76	12.00	20.00	-0.35	4.14	06/01/2006
Real Estate Custom Index	0.81	2.65	2.67	-6.21	2.54	0.92	2.69	-8.04	-12.88	20.96	13.64	-19.66	3.91	
Difference	0.38	-0.18	-0.64	4.46	2.74	3.74	3.39	5.62	7.13	-8.96	6.36	19.31	0.23	
Cash Pension	0.78	3.76	5.38	5.78	3.63	3.11	N/A	6.28	6.01	2.06	0.13	0.84	2.83	05/01/2017
Short Term Custom Index	1.10	3.31	4.55	4.99	3.13	2.67	2.18	5.42	5.28	1.69	0.04	0.36	2.49	
Difference	-0.33	0.45	0.83	0.79	0.50	0.44	N/A	0.86	0.72	0.37	0.08	0.47	0.35	
Private Investments*	1.66	2.27	4.35	4.04	12.74	11.65	11.34	5.14	6.08	5.94	39.81	10.91	12.09	05/01/2002
Private Investments Custom Index	7.72	8.74	10.20	15.17	13.01	8.40	10.28	11.52	17.46	-13.86	16.54	18.90	10.91	
Difference	-6.06	-6.47	-5.86	-11.13	-0.27	3.24	1.05	-6.38	-11.38	19.79	23.27	-7.99	1.18	

*Performance is based on the prior quarter's fair market value adjusted for cash flows during the most recent quarterly period.

Performance shown is net of all manager fees and expenses (Net-All). Benchmark returns reflect unmanaged indices which are not impacted by management fees. Fiscal year ends on 06/30. Please see Addendum for custom index specification. Since inception performance may vary from State Street reported performance due to calculation methodology differences.

**Montana Board of Investments
Comparative Performance
Investment Pools**

As of September 30, 2025

	QTD/ FYTD	CYTD	1 Year	3 Years	5 Years	7 Years	10 Years	2024	2023	2022	2021	2020	Since Incep.	Inception Date
Domestic Equity	8.22	14.16	16.98	23.79	16.13	13.57	14.50	23.14	25.77	-18.95	27.47	20.37	11.00	05/01/2003
All Public Plans-US Equity Segment Median	7.16	13.90	15.55	22.00	14.84	12.13	13.24	20.73	23.18	-18.06	24.45	18.90	10.82	
Rank	15	45	27	18	26	17	22	28	21	63	30	31	26	
Population	62	61	61	56	54	48	43	66	61	65	70	67	8	
International Equity	6.05	24.88	16.86	20.41	9.90	7.74	8.62	6.66	15.06	-17.46	8.18	13.71	5.87	04/01/1997
All Public Plans-Intl. Equity Segment Median	5.68	24.69	15.68	21.17	10.27	8.11	9.01	5.59	17.01	-16.87	9.33	12.71	N/A	
Rank	43	46	37	62	62	70	69	35	75	57	73	44	N/A	
Population	60	57	57	53	52	49	47	62	60	65	69	68	N/A	
Core Fixed Income	2.07	6.30	2.68	4.89	-0.21	2.13	1.89	1.21	5.47	-11.87	-1.48	8.29	5.15	04/01/1995
IM U.S. Broad Market Core Fixed Income (SA+CF) Median	2.13	6.42	3.30	5.42	0.03	2.58	2.37	1.94	5.99	-12.95	-1.24	8.33	5.01	
Rank	65	64	96	93	69	85	87	94	87	14	63	52	29	
Population	132	132	132	131	130	127	124	138	146	154	160	167	55	
Non-Core Fixed Income	3.70	10.00	9.30	11.46	5.19	5.26	5.76	7.64	11.43	-11.05	3.64	6.91	7.41	06/01/2009
IM U.S. High Yield Bonds (SA+CF) Median	2.30	7.00	7.27	10.79	5.63	5.43	6.05	8.13	12.74	-9.20	5.36	6.59	7.77	
Rank	1	1	3	14	80	63	72	68	76	83	91	45	75	
Population	137	137	136	135	130	127	121	146	164	175	175	188	87	
Trust Funds Investment Pool	1.98	6.24	4.37	4.02	1.23	3.24	2.95	1.07	2.84	-6.02	1.59	7.30	5.38	10/01/1995
All Public Plans-US Fixed Income Segment Median	1.99	5.88	3.19	5.27	0.64	2.99	2.64	1.98	5.79	-11.80	-0.11	8.62	N/A	
Rank	54	28	24	80	30	28	39	71	87	14	12	78	N/A	
Population	64	63	62	59	55	49	47	65	63	70	73	74	N/A	
Real Estate	1.44	3.35	2.95	-0.65	6.42	5.94	7.47	-1.42	-4.54	13.02	21.37	1.11	5.52	06/01/2006
All Public Plans-Real Estate Segment Median	1.07	3.31	3.69	-1.52	6.47	5.82	6.85	-1.90	-6.02	13.88	20.84	1.66	N/A	
Rank	30	50	64	38	53	36	42	44	41	56	47	72	N/A	
Population	48	44	44	40	35	25	19	40	40	42	41	38	N/A	

Performance shown is gross of fees. Fiscal year ends on 06/30. Since inception performance may vary from State Street reported performance due to calculation methodology differences.

Montana Board of Investments
Comparative Performance
Equity Composites

As of September 30, 2025

	QTD/ FYTD	CYTD	1 Year	3 Years	5 Years	7 Years	10 Years	2024	2023	2022	2021	2020	Since Incep.	Inception Date
Domestic Large Cap Equity - Net	8.13	15.05	18.29	25.18	16.70	14.62	15.37	25.16	27.18	-19.30	28.39	21.44	10.72	12/01/2006
S&P 500 Index (Cap Wtd)	8.12	14.83	17.60	24.94	16.47	14.45	15.30	25.02	26.29	-18.11	28.71	18.40	10.78	
Difference	0.01	0.22	0.69	0.25	0.23	0.16	0.06	0.14	0.89	-1.19	-0.32	3.04	-0.06	
Domestic Large Cap Equity - Gross	8.14	15.06	18.30	25.19	16.75	14.72	15.49	25.17	27.19	-19.29	28.61	21.66	10.91	12/01/2006
IM U.S. Large Cap Equity (SA+CF) Median	6.93	13.88	15.84	23.94	15.99	13.75	14.74	22.96	25.15	-17.01	27.38	18.37	10.81	
Rank	26	31	30	34	33	32	33	35	35	68	37	34	45	
Domestic Mid Cap Equity - Net	5.56	6.08	6.51	15.92	13.72	9.27	10.55	13.83	16.39	-13.07	25.15	13.53	9.03	01/01/2005
Russell Mid Cap Index	5.33	10.42	11.11	17.69	12.66	10.07	11.39	15.34	17.23	-17.32	22.58	17.10	9.76	
Difference	0.24	-4.35	-4.59	-1.77	1.06	-0.80	-0.84	-1.51	-0.84	4.24	2.57	-3.57	-0.73	
Domestic Mid Cap Equity - Gross	5.56	6.08	6.51	15.92	13.72	9.30	10.76	13.83	16.39	-13.07	25.15	13.53	9.39	01/01/2005
IM U.S. Mid Cap Equity (SA+CF) Median	4.42	7.63	7.45	16.43	12.76	9.80	11.52	13.89	18.30	-13.95	24.74	14.23	10.32	
Rank	32	60	58	55	36	61	71	51	67	43	45	58	81	
Domestic Small Cap Equity - Net	9.44	8.61	9.32	15.30	14.37	8.23	10.66	11.69	18.15	-16.81	27.56	13.07	11.26	03/01/2003
Russell 2000 Index	12.39	10.39	10.76	15.21	11.56	6.76	9.77	11.54	16.93	-20.44	14.82	19.96	10.30	
Difference	-2.95	-1.78	-1.43	0.09	2.81	1.47	0.89	0.15	1.22	3.62	12.74	-6.89	0.97	
Domestic Small Cap Equity - Gross	9.45	8.63	9.35	15.33	14.49	8.43	10.98	11.72	18.18	-16.79	28.00	13.50	11.71	03/01/2003
IM U.S. Small Cap Equity (SA+CF) Median	8.31	7.17	7.23	15.40	13.14	8.28	10.87	12.54	17.61	-16.60	23.76	17.66	11.81	
Rank	38	43	37	51	39	48	48	58	46	51	33	59	55	

Net performance shown is net of all manager fees and expenses (Net-All). Gross returns are compared to median performance of similar managers. A peer group of similar managers may not exist for all composites. Fiscal year ends on 06/30. Since inception performance may vary from State Street reported performance due to calculation methodology differences.

Montana Board of Investments
Comparative Performance
Equity Composites

As of September 30, 2025

	QTD/ FYTD	CYTD	1 Year	3 Years	5 Years	7 Years	10 Years	2024	2023	2022	2021	2020	Since Incep.	Inception Date
International Large Cap Passive - Net	6.91	26.57	16.81	20.83	10.34	7.61	8.51	5.33	15.68	-15.86	7.76	10.81	7.30	06/01/2009
MSCI ACW Ex US Index (USD) (Net)	6.89	26.02	16.45	20.67	10.26	7.49	8.23	5.53	15.62	-16.00	7.82	10.65	7.11	
Difference	0.02	0.55	0.36	0.16	0.08	0.12	0.28	-0.21	0.07	0.14	-0.06	0.16	0.18	
International Large Cap Passive - Gross	6.92	26.60	16.85	20.87	10.38	7.66	8.57	5.36	15.71	-15.82	7.82	10.87	7.36	06/01/2009
International Equity Active - Net	5.28	23.01	16.20	19.50	8.95	7.41	8.49	7.45	13.90	-19.26	7.77	15.91	4.58	04/01/1997
MSCI ACW Ex US Index (USD) (Net)	6.89	26.02	16.45	20.67	10.26	7.49	8.23	5.53	15.62	-16.00	7.82	10.65	N/A	
Difference	-1.61	-3.01	-0.24	-1.17	-1.31	-0.08	0.26	1.92	-1.72	-3.26	-0.05	5.25	N/A	
International Equity Active - Gross	5.41	23.45	16.77	20.10	9.51	7.96	9.05	7.99	14.48	-18.82	8.30	16.50	5.11	04/01/1997
IM International Large Cap Core Equity (SA+CF) Median	5.33	25.82	16.88	21.92	11.33	8.72	9.05	6.10	17.94	-15.89	11.92	11.77	7.59	
Rank	47	70	52	76	77	69	51	29	89	75	79	29	100	
International Value - Net	6.07	26.34	20.93	22.44	12.91	8.62	9.55	11.15	14.97	-13.14	9.32	9.31	4.59	11/01/2006
MSCI ACW Ex US Val Index (USD) (Net)	8.13	29.64	20.17	23.11	14.41	7.59	8.10	6.04	17.30	-8.59	10.46	-0.77	4.22	
Difference	-2.06	-3.30	0.76	-0.67	-1.50	1.02	1.45	5.11	-2.34	-4.55	-1.14	10.09	0.37	
International Value - Gross	6.18	26.74	21.46	22.99	13.43	9.14	10.09	11.64	15.49	-12.73	9.85	9.87	5.15	11/01/2006
IM International Large Cap Value Equity (SA+CF) Median	6.42	28.54	18.91	23.60	14.11	9.01	9.08	5.22	19.29	-8.68	12.30	4.38	5.99	
Rank	52	60	33	59	57	46	29	6	81	73	68	24	80	
International Growth - Net	2.44	14.03	4.73	13.99	3.55	5.42	6.78	0.73	13.80	-23.99	3.79	23.08	3.89	11/01/2006
MSCI ACW Ex US Grth Index (USD) (Net)	5.71	22.51	12.86	18.33	6.22	7.15	8.17	5.07	14.03	-23.05	5.09	22.20	5.15	
Difference	-3.27	-8.48	-8.12	-4.34	-2.67	-1.73	-1.40	-4.34	-0.23	-0.94	-1.31	0.88	-1.26	
International Growth - Gross	2.57	14.45	5.25	14.57	4.09	5.97	7.35	1.24	14.39	-23.58	4.33	23.74	4.44	11/01/2006
IM International Large Cap Growth Equity (SA+CF) Median	2.52	18.01	9.70	18.39	6.95	7.95	9.27	4.03	17.13	-22.05	10.86	22.37	6.44	
Rank	49	74	73	85	86	90	91	78	82	53	84	47	100	
International Small Cap - Net	7.47	29.01	22.58	21.83	10.33	7.72	8.68	8.93	14.01	-21.69	11.57	14.63	5.94	09/01/2006
MSCI ACWI Ex US Sm Cap Index IMI (USD) (Net)	6.68	25.54	15.93	19.36	9.97	7.16	8.37	3.36	15.66	-19.97	12.93	14.24	6.12	
Difference	0.79	3.46	6.65	2.47	0.36	0.55	0.31	5.57	-1.65	-1.71	-1.36	0.39	-0.18	

Gross of fees performance is not available (N/A) for the International Small Cap composite which currently consists of Acadian Ex US Small Cap (SA) and BlackRock ACW Ex US Sm Cap Index (CF).

Net performance shown is net of all manager fees and expenses (Net-All). Gross returns are compared to median performance of similar managers. A peer group of similar managers may not exist for all composites. Fiscal year ends on 06/30. Since inception performance may vary from State Street reported performance due to calculation methodology differences.

Montana Board of Investments
Comparative Performance
Domestic Equity Managers

As of September 30, 2025

	QTD/ FYTD	CYTD	1 Year	3 Years	5 Years	7 Years	10 Years	2024	2023	2022	2021	2020	Since Incep.	Inception Date
Domestic Large Cap Equity														
BlackRock MSCI US Equity Index (SA) - Net	8.12	14.96	18.15	25.09	16.15	N/A	N/A	25.04	27.11	-19.46	26.95	21.33	15.96	04/01/2019
MSCI US Index (USD) (Gross)	8.12	14.97	18.18	25.10	16.16	14.49	15.28	25.08	27.10	-19.46	26.97	21.37	15.98	
Difference	-0.01	-0.01	-0.02	-0.01	-0.01	N/A	N/A	-0.04	0.01	0.00	-0.02	-0.05	-0.02	
BlackRock MSCI US Equity Index (SA) - Gross	8.12	14.97	18.17	25.10	16.16	N/A	N/A	25.05	27.12	-19.45	26.96	21.34	15.97	04/01/2019
IM U.S. Large Cap Core Equity (SA+CF) Median	7.07	13.36	15.55	24.13	16.07	14.10	14.98	24.01	24.65	-16.37	27.71	17.65	15.67	
Rank	27	32	28	37	49	N/A	N/A	41	29	79	55	29	41	
Northern Trust MSCI US Index (SA) - Net	8.13	14.96	18.16	25.09	16.15	N/A	N/A	25.05	27.12	-19.46	26.97	21.34	15.87	11/01/2018
MSCI US Index (USD) (Gross)	8.12	14.97	18.18	25.10	16.16	14.49	15.28	25.08	27.10	-19.46	26.97	21.37	15.87	
Difference	0.00	-0.01	-0.02	-0.01	-0.01	N/A	N/A	-0.03	0.02	0.00	0.00	-0.03	0.00	
Northern Trust MSCI US Index (SA) - Gross	8.13	14.97	18.18	25.11	16.16	N/A	N/A	25.06	27.13	-19.45	26.98	21.36	15.88	11/01/2018
IM U.S. Large Cap Core Equity (SA+CF) Median	7.07	13.36	15.55	24.13	16.07	14.10	14.98	24.01	24.65	-16.37	27.71	17.65	15.47	
Rank	26	32	28	37	48	N/A	N/A	40	29	79	55	29	41	
iShares:Core S&P Tot USM (ITOT) - Net	8.16	14.23	17.38	24.15	N/A	N/A	N/A	23.71	26.41	-19.46	N/A	N/A	11.03	12/01/2021
S&P Tot Mkt Index	8.22	14.36	17.46	24.16	15.69	13.63	14.65	23.88	26.06	-19.53	25.66	20.79	11.00	
Difference	-0.05	-0.13	-0.08	-0.01	N/A	N/A	N/A	-0.17	0.35	0.07	N/A	N/A	0.03	
iShares:Core S&P 500 (IVV) - Net	8.12	14.75	17.53	24.70	N/A	N/A	N/A	24.88	25.74	-17.03	N/A	N/A	12.36	12/01/2021
S&P 500 Index (Cap Wtd)	8.12	14.83	17.60	24.94	16.47	14.45	15.30	25.02	26.29	-18.11	28.71	18.40	12.13	
Difference	-0.01	-0.08	-0.07	-0.24	N/A	N/A	N/A	-0.14	-0.55	1.08	N/A	N/A	0.23	
Domestic Mid Cap Equity														
iShares:Core S&P Md-Cp (IJH) - Net	5.56	6.08	6.51	15.92	13.72	8.87	N/A	13.83	16.39	-13.07	25.15	13.53	9.22	07/01/2017
S&P Mid Cap 400 Index (Cap Wtd)	5.55	5.76	6.13	15.84	13.61	8.81	10.82	13.93	16.44	-13.06	24.76	13.66	9.59	
Difference	0.01	0.31	0.39	0.08	0.11	0.07	N/A	-0.09	-0.05	-0.01	0.39	-0.12	-0.37	

Net performance shown is net of all manager fees and expenses (Net-All). Gross returns are compared to median performance of similar managers. A peer group of similar managers may not exist for all funds. Fiscal year ends on 06/30. Since inception performance may vary from State Street reported performance due to calculation methodology differences.

Montana Board of Investments
Comparative Performance
Domestic Equity Managers

As of September 30, 2025

	QTD/ FYTD	CYTD	1 Year	3 Years	5 Years	7 Years	10 Years	2024	2023	2022	2021	2020	Since Incep.	Inception Date
Domestic Small Cap Equity														
BlackRock MSCI USA Small Cap Index (SA) - Net	9.49	9.36	10.33	16.13	N/A	N/A	N/A	11.98	18.40	N/A	N/A	N/A	11.99	09/01/2022
MSCI US Sm Cap Index (USD) (Net)	9.36	9.03	9.90	15.64	12.63	7.99	10.50	11.57	17.86	-17.55	19.11	18.32	11.52	
Difference	0.12	0.34	0.43	0.48	N/A	N/A	N/A	0.41	0.54	N/A	N/A	N/A	0.47	
BlackRock MSCI USA Small Cap Index (SA) - Gross	9.50	9.39	10.36	16.16	N/A	N/A	N/A	12.01	18.43	N/A	N/A	N/A	12.02	09/01/2022
IM U.S. Small Cap Core Equity (SA+CF) Median	7.68	7.25	6.83	15.29	13.21	8.54	10.87	12.30	17.31	-16.11	24.15	18.90	11.46	
Rank	34	32	28	43	N/A	N/A	N/A	55	38	N/A	N/A	N/A	46	
iShares:Core S&P Sm-Cp (IJR) - Net	9.13	4.12	3.58	N/A	N/A	N/A	N/A	8.50	15.85	N/A	N/A	N/A	8.55	11/01/2022
S&P Sm Cap 600 Index (Cap Wtd)	9.11	4.24	3.64	12.82	12.94	6.24	10.03	8.70	16.05	-16.10	26.82	11.29	8.77	
Difference	0.02	-0.12	-0.06	N/A	N/A	N/A	N/A	-0.19	-0.20	N/A	N/A	N/A	-0.21	

Gross of fees performance is not available (N/A) for the following funds: iShares:Core S&P Tot USM (ITOT), iShares:Core S&P 500 (IVV), iShares:Core S&P Md-Cp (IJH), and iShares:Core S&P Sm-Cp (IJR).

The current annual expense ratios for the iShares:Core S&P Tot USM (ITOT), iShares:Core S&P 500 (IVV), iShares:Core S&P Md-Cp (IJH), and iShares:Core S&P Sm-Cp (IJR) are 0.03%, 0.03%, 0.05%, and 0.06%, respectively.

See the Addendum for custom index specification.

Net performance shown is net of all manager fees and expenses (Net-All). Gross returns are compared to median performance of similar managers. A peer group of similar managers may not exist for all funds. Fiscal year ends on 06/30. Since inception performance may vary from State Street reported performance due to calculation methodology differences.

Montana Board of Investments
Comparative Performance
International Equity Managers

As of September 30, 2025

	QTD/ FYTD	CYTD	1 Year	3 Years	5 Years	7 Years	10 Years	2024	2023	2022	2021	2020	Since Incep.	Inception Date
International Developed Large Cap Equity														
Acadian Asset Non-US Equity (SA) - Net	5.44	25.19	24.58	23.57	15.55	9.65	11.49	17.22	13.66	-13.02	16.67	8.89	5.81	11/01/2006
MSCI ACW Ex US Val Index (USD) (Net)	8.13	29.64	20.17	23.11	14.41	7.59	8.10	6.04	17.30	-8.59	10.46	-0.77	4.22	
Difference	-2.68	-4.45	4.42	0.47	1.14	2.05	3.39	11.18	-3.64	-4.43	6.22	9.66	1.59	
Acadian Asset Non-US Equity (SA) - Gross	5.56	25.61	25.14	24.13	16.08	10.17	12.04	17.74	14.18	-12.61	17.23	9.45	6.37	11/01/2006
IM ACWI Ex US Value (SA+CF) Median	6.06	28.48	19.56	23.74	13.90	9.05	9.67	7.20	19.95	-11.11	11.13	6.65	6.07	
Rank	66	63	8	42	27	29	7	4	89	61	9	44	40	
Lazard Asset Management (SA) - Net	6.82	27.95	16.32	20.93	10.58	7.53	7.80	3.70	16.54	-13.28	4.11	9.59	6.13	06/01/2015
Lazard Custom Index	6.89	26.02	16.45	20.67	10.26	7.49	7.92	5.53	15.62	-16.00	7.82	10.65	5.83	
Difference	-0.07	1.93	-0.12	0.26	0.32	0.04	-0.12	-1.83	0.92	2.73	-3.72	-1.06	0.30	
Lazard Asset Management (SA) - Gross	6.93	28.35	16.82	21.46	11.09	8.04	8.33	4.16	17.06	-12.84	4.62	10.14	6.65	06/01/2015
IM ACWI Ex US Value (SA+CF) Median	6.06	28.48	19.56	23.74	13.90	9.05	9.67	7.20	19.95	-11.11	11.13	6.65	7.84	
Rank	39	54	69	85	85	63	77	72	65	62	94	40	77	
BlackRock ACW Ex US SuperFund A (CF) - Net	6.97	26.57	16.86	20.87	10.47	7.69	8.45	5.49	15.74	-15.77	8.00	10.80	7.32	06/01/2009
MSCI ACW Ex US Index (USD) (Net)	6.89	26.02	16.45	20.67	10.26	7.49	8.23	5.53	15.62	-16.00	7.82	10.65	7.11	
Difference	0.08	0.55	0.41	0.20	0.21	0.20	0.22	-0.05	0.12	0.23	0.17	0.15	0.21	
BlackRock ACW Ex US SuperFund A (CF) - Gross	6.98	26.61	16.90	20.92	10.52	7.74	8.51	5.53	15.77	-15.72	8.07	10.88	7.40	06/01/2009
IM All ACWI Ex US (SA+CF) Median	5.36	25.77	17.00	21.67	10.63	8.30	9.01	6.18	17.15	-16.92	9.74	14.84	8.73	
Rank	25	45	52	60	52	65	68	56	68	44	64	60	86	
iShares:Core MSCI EAFE (IEFA) - Net	4.59	26.52	15.77	N/A	N/A	N/A	N/A	3.30	18.26	N/A	N/A	N/A	20.42	11/01/2022
MSCI EAFE IM Index (USD) (Net)	4.97	25.62	15.39	21.42	10.76	7.47	8.13	3.55	17.51	-15.53	11.08	8.47	19.99	
Difference	-0.38	0.90	0.38	N/A	N/A	N/A	N/A	-0.25	0.76	N/A	N/A	N/A	0.43	
Invesco (SA) - Net	2.29	13.23	4.55	14.20	5.48	6.05	6.73	-0.26	16.78	-17.80	5.60	14.84	5.00	06/01/2015
MSCI ACW Ex US Grth Index (USD) (Net)	5.71	22.51	12.86	18.33	6.22	7.15	8.17	5.07	14.03	-23.05	5.09	22.20	6.44	
Difference	-3.42	-9.28	-8.30	-4.14	-0.74	-1.10	-1.44	-5.33	2.75	5.26	0.50	-7.36	-1.45	
Invesco (SA) - Gross	2.42	13.66	5.09	14.80	6.06	6.64	7.36	0.26	17.41	-17.32	6.20	15.51	5.61	06/01/2015
IM ACWI Ex US Growth (SA+CF) Median	3.43	19.31	11.93	18.84	7.87	7.93	9.34	5.33	16.84	-23.43	9.20	22.06	7.62	
Rank	73	91	88	98	65	89	93	96	41	22	78	83	97	

Net performance shown is net of all manager fees and expenses (Net-All). Gross returns are compared to median performance of similar managers. A peer group of similar managers may not exist for all funds. Fiscal year ends on 06/30. Since inception performance may vary from State Street reported performance due to calculation methodology differences. See the Addendum for custom index specification.

Montana Board of Investments
Comparative Performance
International Equity Managers

As of September 30, 2025

	QTD/ FYTD	CYTD	1 Year	3 Years	5 Years	7 Years	10 Years	2024	2023	2022	2021	2020	Since Incep.	Inception Date
International Developed Small Cap Equity														
BlackRock ACW Ex US Sm Cap Index (CF) - Net	6.80	26.13	16.28	19.37	10.00	7.27	8.55	3.12	15.26	-19.65	12.84	14.45	7.79	02/01/2012
MSCI ACWI Ex US Sm Cap Index (USD) (Net)	6.68	25.54	15.93	19.36	9.97	7.16	8.37	3.36	15.66	-19.97	12.93	14.24	7.61	
Difference	0.12	0.59	0.35	0.01	0.03	0.11	0.18	-0.24	-0.40	0.32	-0.08	0.21	0.18	
BlackRock ACW Ex US Sm Cap Index (CF) - Gross	6.81	26.19	16.35	19.44	10.09	7.37	8.67	3.18	15.32	-19.57	12.98	14.50	7.93	02/01/2012
IM International Small Cap Equity (SA+CF) Median	4.63	27.94	19.98	21.22	10.01	8.50	9.59	4.08	15.07	-21.49	13.63	13.95	10.30	
Rank	32	59	62	56	50	63	66	58	48	41	55	49	90	
Acadian Ex US Small Cap (SA) - Net	7.68	30.27	25.46	22.89	N/A	N/A	N/A	11.99	12.23	N/A	N/A	N/A	10.73	03/01/2022
MSCI ACW Ex US Sm Cap Index (USD) (Net)	6.68	25.54	15.93	19.36	9.97	7.16	8.37	3.36	15.66	-19.97	12.93	14.24	7.55	
Difference	1.00	4.73	9.53	3.53	N/A	N/A	N/A	8.64	-3.43	N/A	N/A	N/A	3.18	
Acadian Ex US Small Cap (SA) - Gross	7.84	30.85	26.22	23.65	N/A	N/A	N/A	12.69	12.94	N/A	N/A	N/A	11.43	03/01/2022
IM International Small Cap Equity (SA+CF) Median	4.63	27.94	19.98	21.22	10.01	8.50	9.59	4.08	15.07	-21.49	13.63	13.95	8.71	
Rank	21	34	22	38	N/A	N/A	N/A	14	74	N/A	N/A	N/A	36	
International Emerging Equity														
iShares:Core MSCI EmMkts (IEMG) - Net	9.81	27.76	18.78	18.76	N/A	N/A	N/A	6.52	11.68	-21.88	N/A	N/A	4.69	01/01/2022
MSCI Emg Mkts IM Index (USD) (Net)	9.88	25.95	16.01	18.15	7.63	6.49	8.03	7.09	11.67	-19.83	-0.28	18.39	5.16	
Difference	-0.07	1.81	2.77	0.60	N/A	N/A	N/A	-0.57	0.01	-2.04	N/A	N/A	-0.47	

Gross of fees performance is not available (N/A) for the following funds: iShares:Core MSCI EAFE (IEFA), International Equity Pool STIF, and iShares:Core MSCI EmMkts (IEMG). The current annual expense ratios for the iShares:Core MSCI EAFE (IEFA), and iShares:Core MSCI EmMkts (IEMG): are 0.07%, and 0.09%, respectively.

Net performance shown is net of all manager fees and expenses (Net-All). Gross returns are compared to median performance of similar managers. A peer group of similar managers may not exist for all funds. Fiscal year ends on 06/30. Since inception performance may vary from State Street reported performance due to calculation methodology differences. See the Addendum for custom index specification.

Montana Board of Investments
Comparative Performance
Core Fixed Income Managers

As of September 30, 2025

	QTD/ FYTD	CYTD	1 Year	3 Years	5 Years	7 Years	10 Years	2024	2023	2022	2021	2020	Since Incep.	Inception Date
US Fixed Income Aggregate - Net	2.07	6.30	2.68	4.83	-0.27	N/A	N/A	1.21	5.40	-11.87	-1.52	7.65	0.98	12/01/2019
Bloomberg US Agg Bond Index	2.03	6.13	2.88	4.93	-0.45	2.06	1.84	1.25	5.53	-13.01	-1.55	7.51	0.73	
Difference	0.04	0.17	-0.20	-0.10	0.18	N/A	N/A	-0.04	-0.13	1.14	0.02	0.15	0.25	

Net performance shown is net of all manager fees and expenses (Net-All). Gross returns are compared to median performance of similar managers. Fiscal year ends on 06/30. Since inception performance may vary from State Street reported performance due to calculation methodology differences.

Montana Board of Investments
Comparative Performance
Non-Core Fixed Income Managers

As of September 30, 2025

	QTD/ FYTD	CYTD	1 Year	3 Years	5 Years	7 Years	10 Years	2024	2023	2022	2021	2020	Since Incep.	Inception Date
Neuberger Berman High Yield (SA) - Net	2.46	7.39	7.46	10.64	5.00	4.92	5.53	8.11	11.90	-11.34	4.76	6.30	6.16	01/01/2010
Bloomberg US HY 2% Issuer Cap Index	2.54	7.22	7.41	11.09	5.54	5.32	6.16	8.19	13.44	-11.18	5.26	7.05	6.58	
Difference	-0.07	0.17	0.05	-0.45	-0.54	-0.40	-0.63	-0.09	-1.55	-0.16	-0.50	-0.74	-0.42	
Neuberger Berman High Yield (SA) - Gross	2.51	7.55	7.68	10.86	5.22	5.20	5.87	8.33	12.12	-11.16	4.96	6.75	6.56	01/01/2010
IM U.S. High Yield Bonds (SA+CF) Median	2.30	7.00	7.27	10.79	5.63	5.43	6.05	8.13	12.74	-9.20	5.36	6.59	6.73	
Rank	36	23	31	46	77	66	65	44	65	84	61	47	56	
Oaktree US High Yield (SA) (CAPP) - Net	2.64	6.61	6.70	10.70	5.38	5.25	N/A	7.91	12.68	-9.92	4.91	6.56	4.88	01/01/2018
Bloomberg US HY 2% Issuer Cap Index	2.54	7.22	7.41	11.09	5.54	5.32	6.16	8.19	13.44	-11.18	5.26	7.05	5.14	
Difference	0.11	-0.61	-0.71	-0.38	-0.16	-0.06	N/A	-0.29	-0.76	1.26	-0.35	-0.49	-0.25	
Oaktree US High Yield (SA) (CAPP) - Gross	2.73	6.89	7.09	11.11	5.78	5.69	N/A	8.31	13.10	-9.60	5.34	7.07	5.33	01/01/2018
IM U.S. High Yield Bonds (SA+CF) Median	2.30	7.00	7.27	10.79	5.63	5.43	6.05	8.13	12.74	-9.20	5.36	6.59	5.15	
Rank	23	56	63	35	40	35	N/A	44	39	54	51	43	40	
Shenkman High Yield Fixed Income (SA) (CAPP) - Net	2.69	6.96	7.43	10.08	5.23	5.16	N/A	7.26	12.06	-8.87	4.24	6.32	4.78	12/01/2017
Bloomberg US HY 2% Issuer Cap Index	2.54	7.22	7.41	11.09	5.54	5.32	6.16	8.19	13.44	-11.18	5.26	7.05	5.12	
Difference	0.15	-0.26	0.03	-1.01	-0.31	-0.16	N/A	-0.94	-1.38	2.31	-1.02	-0.73	-0.34	
Shenkman High Yield Fixed Income (SA) (CAPP) - Gross	2.78	7.27	7.85	10.50	5.65	5.60	N/A	7.67	12.50	-8.52	4.68	6.82	5.23	12/01/2017
IM U.S. High Yield Bonds (SA+CF) Median	2.30	7.00	7.27	10.79	5.63	5.43	6.05	8.13	12.74	-9.20	5.36	6.59	5.16	
Rank	19	31	27	66	49	39	N/A	66	55	38	71	47	47	

Net performance shown is net of all manager fees and expenses (Net-All). Gross returns are compared to median performance of similar managers. Fiscal year ends on 06/30. Since inception performance may vary from State Street reported performance due to calculation methodology differences. No peer group is shown for Cohen & Steers Preferred Securities (SA) due to the lack of suitable Preferred Securities peer groups.

Montana Board of Investments
Comparative Performance
Non-Core Fixed Income Managers

As of September 30, 2025

	QTD/ FYTD	CYTD	1 Year	3 Years	5 Years	7 Years	10 Years	2024	2023	2022	2021	2020	Since Incep.	Inception Date
Cohen & Steers Preferred Securities (SA) - Net	3.70	7.39	6.58	9.14	N/A	N/A	N/A	10.35	7.28	-11.53	3.70	N/A	4.13	11/01/2020
Cohen & Steers Preferred Securities Custom Benchmark	3.81	7.23	5.89	9.37	3.60	N/A	N/A	8.99	8.57	-12.02	2.72	N/A	3.66	
Difference	-0.11	0.16	0.69	-0.22	N/A	N/A	N/A	1.36	-1.29	0.49	0.98	N/A	0.47	
Cohen & Steers Preferred Securities (SA) - Gross	3.78	7.64	6.91	9.50	N/A	N/A	N/A	10.70	7.64	-11.23	4.06	N/A	4.48	11/01/2020
Payden & Rygel EMD (SA) - Net	4.24	13.14	9.47	13.04	N/A	N/A	N/A	3.49	11.73	-15.45	-3.49	N/A	1.39	01/01/2021
Payden & Rygel EMD Custom Benchmark	4.17	12.09	8.20	12.01	N/A	N/A	N/A	3.81	11.59	-15.97	-3.92	N/A	1.00	
Difference	0.08	1.05	1.27	1.04	N/A	N/A	N/A	-0.32	0.13	0.52	0.43	N/A	0.39	
Payden & Rygel EMD (SA) - Gross	4.33	13.43	9.86	13.44	N/A	N/A	N/A	3.85	12.12	-15.15	-3.14	N/A	1.74	01/01/2021
IM Emerging Markets Debt (SA+CF) Median	4.01	11.68	8.60	12.50	3.97	4.54	5.10	6.98	12.60	-11.96	-2.13	6.64	2.33	
Rank	39	34	27	38	N/A	N/A	N/A	65	58	69	58	N/A	74	
Zazove Convertible Bonds (SA) - Net	6.56	14.22	14.59	N/A	N/A	N/A	N/A	5.82	N/A	N/A	N/A	N/A	10.07	04/01/2023
Bloomberg US Convert's Liquid Bond Index	9.85	17.61	20.67	14.94	8.33	11.22	11.65	10.13	14.64	-20.06	3.07	54.45	15.04	
Difference	-3.29	-3.38	-6.07	N/A	N/A	N/A	N/A	-4.30	N/A	N/A	N/A	N/A	-4.97	
Zazove Convertible Bonds (SA) - Gross	6.67	14.61	15.11	N/A	N/A	N/A	N/A	6.32	N/A	N/A	N/A	N/A	10.60	04/01/2023
IM U.S. Convertible Bonds (SA+CF) Median	5.54	12.07	11.50	11.15	7.61	8.08	8.49	9.40	8.17	-11.78	6.16	19.19	11.21	
Rank	41	25	40	N/A	N/A	N/A	N/A	75	N/A	N/A	N/A	N/A	56	

Net performance shown is net of all manager fees and expenses (Net-All). Gross returns are compared to median performance of similar managers. Fiscal year ends on 06/30. Since inception performance may vary from State Street reported performance due to calculation methodology differences. No peer group is shown for Cohen & Steers Preferred Securities (SA) due to the lack of suitable Preferred Securities peer groups.

Montana Board of Investments
Comparative Performance
TFIP Fixed Income Managers

As of September 30, 2025

	QTD/ FYTD	CYTD	1 Year	3 Years	5 Years	7 Years	10 Years	2024	2023	2022	2021	2020	Since Incep.	Inception Date
Trust Funds Investment Pool Fixed Income	2.23	6.77	3.55	6.07	0.84	3.19	2.73	2.27	7.03	-11.24	-0.47	8.84	5.21	10/01/1995
Bloomberg US Agg Bond Index	2.03	6.13	2.88	4.93	-0.45	2.06	1.84	1.25	5.53	-13.01	-1.55	7.51	4.32	
Difference	0.20	0.63	0.67	1.14	1.29	1.13	0.89	1.02	1.50	1.77	1.08	1.33	0.89	
Trust Funds Investment Pool Fixed Income	2.23	6.77	3.55	6.07	0.84	3.19	2.73	2.27	7.03	-11.24	-0.47	8.84	5.21	10/01/1995
IM U.S. Broad Market Core Fixed Income (SA+CF) Median	2.13	6.42	3.30	5.42	0.03	2.58	2.37	1.94	5.99	-12.95	-1.24	8.33	4.82	
Rank	34	16	25	15	14	9	19	39	13	8	22	35	7	
Shenkman High Yield Fixed Income (SA) (TFIP) - Net	2.70	6.97	7.45	10.02	5.18	N/A	N/A	7.18	12.02	-9.04	4.31	6.05	4.84	07/01/2019
Bloomberg US HY 2% Issuer Cap Index	2.54	7.22	7.41	11.09	5.54	5.32	6.16	8.19	13.44	-11.18	5.26	7.05	5.16	
Difference	0.16	-0.25	0.04	-1.06	-0.36	N/A	N/A	-1.02	-1.42	2.15	-0.95	-1.00	-0.32	
Shenkman High Yield Fixed Income (SA) (TFIP) - Gross	2.80	7.28	7.86	10.45	5.60	N/A	N/A	7.59	12.46	-8.68	4.74	6.54	5.27	07/01/2019
IM U.S. High Yield Bonds (SA+CF) Median	2.30	7.00	7.27	10.79	5.63	5.43	6.05	8.13	12.74	-9.20	5.36	6.59	5.26	
Rank	18	31	26	67	52	N/A	N/A	69	56	39	68	53	49	
Oaktree US High Yield (SA) (TFIP) - Net	2.68	6.78	6.92	10.90	5.56	N/A	N/A	8.04	12.72	-9.51	4.93	6.72	5.27	08/01/2019
Bloomberg US HY 2% Issuer Cap Index	2.54	7.22	7.41	11.09	5.54	5.32	6.16	8.19	13.44	-11.18	5.26	7.05	5.14	
Difference	0.15	-0.44	-0.49	-0.19	0.02	N/A	N/A	-0.15	-0.72	1.67	-0.33	-0.32	0.14	
Oaktree US High Yield (SA) (TFIP) - Gross	2.77	7.07	7.31	11.31	5.95	N/A	N/A	8.44	13.14	-9.20	5.36	7.25	5.69	08/01/2019
IM U.S. High Yield Bonds (SA+CF) Median	2.30	7.00	7.27	10.79	5.63	5.43	6.05	8.13	12.74	-9.20	5.36	6.59	5.25	
Rank	19	44	47	24	29	N/A	N/A	41	39	50	51	39	21	
Neuberger Berman High Yield (SA) (TFIP) - Net	2.45	7.33	7.40	10.56	4.99	N/A	N/A	8.24	11.83	-11.43	4.62	N/A	6.91	04/01/2020
Bloomberg US HY 2% Issuer Cap Index	2.54	7.22	7.41	11.09	5.54	5.32	6.16	8.19	13.44	-11.18	5.26	7.05	7.76	
Difference	-0.09	0.11	0.00	-0.53	-0.56	N/A	N/A	0.04	-1.62	-0.25	-0.64	N/A	-0.85	
Neuberger Berman High Yield (SA) (TFIP) - Gross	2.50	7.49	7.62	10.78	5.21	N/A	N/A	8.46	12.05	-11.25	4.81	N/A	7.15	04/01/2020
IM U.S. High Yield Bonds (SA+CF) Median	2.30	7.00	7.27	10.79	5.63	5.43	6.05	8.13	12.74	-9.20	5.36	6.59	7.74	
Rank	38	23	31	51	79	N/A	N/A	40	69	85	65	N/A	75	

Net performance shown is net of all manager fees and expenses (Net-All). Gross returns are compared to median performance of similar managers. Fiscal year ends on 06/30. Since inception performance may vary from State Street reported performance due to calculation methodology differences.

Montana Board of Investments
Comparative Performance
Trust Accounts

As of September 30, 2025

	QTD/ FYTD	CYTD	1 Year	3 Years	5 Years	7 Years	10 Years	2024	2023	2022	2021	2020	Since Incep.	Inception Date
Abandoned Mine Trust	1.13	3.36	4.61	4.91	3.12	2.76	2.25	5.35	5.13	1.68	0.13	0.73	3.78	12/01/1993
Barker Hughesville St Response	1.76	5.49	4.12	4.11	1.57	N/A	N/A	1.43	2.90	-3.87	1.36	N/A	1.76	05/01/2020
Belt Water Treatment Plant Fund	1.73	5.41	3.94	4.08	1.59	3.37	N/A	1.40	2.96	-3.71	1.34	6.80	3.21	03/01/2018
Big Sky Economic Development Fund	1.87	5.94	4.03	3.96	1.39	3.27	2.95	0.73	2.53	-4.27	1.45	7.12	4.20	07/01/2005
Butte Area One Restoration	1.77	5.53	4.16	4.12	1.70	3.10	2.69	1.39	3.08	-3.26	1.26	6.07	3.05	11/01/2008
Clark Fork River Restoration	1.75	5.46	4.16	4.11	1.70	3.06	2.65	1.47	3.06	-3.17	1.19	5.65	3.25	11/01/2008
Coal Tax Cultural Trust Fund	1.85	5.90	4.03	4.02	1.44	3.29	2.95	0.78	2.73	-4.20	1.43	6.99	5.37	12/01/1993
Coal Tax Park Acquisition	1.83	5.76	4.07	4.01	1.47	3.29	2.95	0.98	2.72	-4.02	1.37	6.86	5.35	12/01/1993
Conservation District Fund	1.87	5.60	4.16	N/A	N/A	N/A	N/A	-0.06	N/A	N/A	N/A	N/A	3.24	12/01/2023
Debt and Liability Fee Account	1.13	3.58	4.82	N/A	N/A	N/A	N/A	5.39	N/A	N/A	N/A	N/A	5.18	11/01/2023
East Helena Compensation Fund	1.14	3.42	4.58	4.36	2.56	3.10	2.64	3.84	4.53	0.48	0.42	2.65	2.38	01/01/2013
East Helena Greenway Trail Maintenance	1.74	5.34	4.29	4.32	N/A	N/A	N/A	2.08	3.32	-2.81	N/A	N/A	2.27	03/01/2021
Endowment for Children	1.88	5.92	4.04	4.05	1.46	3.29	2.92	0.80	2.80	-4.18	1.41	7.01	4.16	08/01/2007
Flying J CECRA Facilities Fund	1.75	5.48	4.12	4.12	1.58	N/A	N/A	1.44	2.91	-3.85	1.36	N/A	1.77	05/01/2020
FWP License Account	1.43	4.33	4.59	4.57	2.28	2.42	1.97	3.75	4.04	-1.41	0.46	1.85	2.83	11/01/1997
FWP Mitigation Trust Fund	1.68	5.20	4.31	4.34	1.91	2.75	2.11	2.32	3.41	-2.79	0.98	3.84	3.62	12/01/1993
FWP Real Property Trust	1.89	5.89	4.08	4.03	1.45	3.27	2.92	0.84	2.77	-4.13	1.38	6.83	4.84	12/01/1993
Group Benefits	1.33	4.00	4.60	4.65	2.58	2.80	2.24	4.35	4.16	-0.33	0.63	2.05	3.68	12/01/1993
Harold Hamm Endowment	1.77	5.52	4.14	4.11	1.56	3.32	N/A	1.40	2.87	-3.94	1.43	6.71	2.59	07/01/2016
History and Civics Endowment	1.62	5.22	6.06	N/A	N/A	N/A	N/A	4.89	N/A	N/A	N/A	N/A	5.80	01/01/2024
Invasive Species Trust Fund	1.66	5.20	4.06	3.99	1.48	N/A	N/A	1.71	2.65	-3.88	1.19	N/A	1.48	10/01/2020
Kyiyo Pow Pow	4.27	10.80	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	11.22	12/01/2024
Libby Asbestos Site State Cost	1.72	5.54	4.03	4.09	1.60	N/A	N/A	1.30	2.98	-3.60	1.25	N/A	1.80	05/01/2020
Lubrecht Forest Carbon Offset Credits	4.29	10.83	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	10.41	12/01/2024
Luttrell Pit - Operational & Maintenance	1.76	5.55	4.04	4.12	1.72	N/A	N/A	1.30	3.07	-3.27	1.36	N/A	1.88	05/01/2020
Montana Pole	1.73	5.36	4.19	4.21	1.77	3.18	2.81	1.67	3.12	-2.92	1.14	5.61	4.60	09/01/1996
Montana State University	1.23	3.88	4.57	4.83	2.82	2.69	2.23	4.53	4.77	0.58	0.30	1.30	2.22	08/01/2004
Montana State Library Trust	1.80	5.65	4.08	N/A	N/A	N/A	N/A	1.15	N/A	N/A	N/A	N/A	6.19	10/01/2023
Montana Tech-UM Agency Funds	1.18	3.51	4.58	4.86	3.03	2.75	2.25	5.08	4.99	1.36	0.20	1.01	2.09	03/01/2003
MT BOI - Clark Fork Site	1.85	5.75	4.17	4.06	1.52	3.20	2.86	1.01	2.81	-3.95	1.44	6.65	3.67	11/01/2008
MT BOI UOFM Other	1.39	4.22	4.61	4.63	2.67	3.15	2.65	4.38	3.94	-0.16	0.73	3.47	2.97	08/01/2002
MT Housing Infrastructure Trust	0.56	1.53	2.20	N/A	N/A	N/A	N/A	3.92	N/A	N/A	N/A	N/A	3.56	08/01/2023
MUS Group Insurance	1.25	3.75	4.61	4.80	2.83	2.83	2.33	4.74	4.74	0.57	0.26	1.70	1.99	10/01/2011
MUS Workers Compensation	1.34	4.05	4.39	4.63	2.64	2.96	N/A	3.97	4.44	0.10	0.46	2.55	2.48	04/01/2016

Performance shown is gross of fees. Fiscal year ends on 06/30. Since inception performance may vary from State Street reported performance due to calculation methodology differences.

Montana Board of Investments
Comparative Performance
Trust Accounts

As of September 30, 2025

	QTD/ FYTD	CYTD	1 Year	3 Years	5 Years	7 Years	10 Years	2024	2023	2022	2021	2020	Since Incep.	Inception Date
Older Montanans Trust	1.91	5.95	4.12	4.10	1.48	3.33	2.97	0.92	2.78	-4.23	1.41	7.19	4.05	08/01/2007
Permanent Coal Trust Excl Crp	1.58	4.80	3.82	3.61	1.85	3.12	2.91	1.48	2.57	-2.02	1.82	5.57	5.14	12/01/1993
PERS Defined Cont Disability	5.80	14.08	12.49	17.05	9.66	8.74	8.32	12.08	17.09	-15.55	13.16	14.06	8.25	09/01/2015
Potter Trust Fund	1.77	5.52	4.12	4.10	1.55	3.32	N/A	1.37	2.86	-3.96	1.41	6.78	2.83	06/01/2016
Resource Indemnity Trust	1.92	6.05	4.07	4.00	1.38	3.31	2.97	0.66	2.60	-4.44	1.48	7.23	5.43	12/01/1993
School Facilities Fund	1.88	5.96	4.06	3.96	1.36	3.10	N/A	0.73	2.42	-4.24	1.39	6.97	2.63	01/01/2018
Smelter Hill Up Restorative	1.80	5.62	4.19	4.14	1.65	2.81	2.36	1.36	3.00	-3.54	1.29	5.62	2.30	11/01/2008
State Fund Insurance	2.72	7.85	5.39	7.05	3.00	4.19	3.92	3.72	6.49	-7.68	3.04	7.62	5.23	12/01/1993
Streamside Tailings Operable Unit	1.82	5.69	4.14	4.11	1.59	3.22	2.87	1.25	2.90	-3.70	1.27	6.47	4.71	02/01/1999
Subsequent Injury Fund	1.08	3.27	4.50	4.91	3.12	2.73	2.23	5.22	5.37	1.66	0.13	0.73	3.03	12/01/1993
Tobacco Trust Fund	1.90	5.97	4.08	3.99	1.39	3.27	2.94	0.68	2.63	-4.40	1.51	7.10	4.86	01/01/2001
Treasurers	1.31	3.76	4.62	4.82	2.98	2.62	2.14	4.65	5.08	1.34	0.10	0.63	2.87	12/01/1993
Montana Coal Endowment Fund	1.92	6.02	4.08	4.01	1.40	3.30	2.97	0.71	2.63	-4.37	1.47	7.15	5.32	12/01/1993
MT Coal Endowment Regional Water	1.91	6.01	4.08	4.01	1.40	3.30	2.97	0.71	2.63	-4.37	1.47	7.15	5.00	06/01/2000
Trust and Legacy Account	1.93	6.00	4.08	4.02	1.40	3.32	2.98	0.73	2.62	-4.37	1.47	7.19	5.96	07/01/1991
UCFRB Assess/Litig Cost Rec	1.87	5.93	4.02	3.98	1.39	3.19	2.86	0.74	2.61	-4.37	1.53	6.68	4.95	07/01/1999
UCFRB Restoration Fund	1.88	5.91	4.10	4.07	1.45	3.27	2.90	0.96	2.71	-4.22	1.36	6.90	4.89	06/01/1999
Upper Blackfoot Response	1.22	3.65	4.62	4.87	3.03	3.09	2.57	4.97	4.94	1.22	0.32	1.55	2.14	09/01/2010
Weed Control Trust	1.92	6.05	4.07	4.00	1.38	3.31	2.97	0.66	2.60	-4.44	1.48	7.23	4.73	12/01/1993
Wildlife Habitat Trust	1.86	5.78	4.11	4.04	1.46	3.26	2.91	1.01	2.72	-4.10	1.38	6.75	4.84	12/01/1993
Work Force Housing	1.13	3.04	4.23	N/A	N/A	N/A	N/A	5.21	N/A	N/A	N/A	N/A	4.80	11/01/2023
Yellowstone Pipeline Cleanup Fund	1.66	5.11	4.22	4.08	N/A	N/A	N/A	2.15	3.16	-1.42	N/A	N/A	2.32	04/01/2021
Zortman/Landusky LT H20	1.13	3.36	4.61	4.91	3.12	2.73	2.24	5.33	5.13	1.68	0.13	0.73	5.73	09/01/1999
Z/L Long Term H20 Trust Fund	1.13	3.36	4.61	4.91	3.12	2.73	2.25	5.33	5.13	1.68	0.13	0.73	3.95	09/01/2005

Performance shown is gross of fees. Fiscal year ends on 06/30. Since inception performance may vary from State Street reported performance due to calculation methodology differences.

Performance Notes

- All gross and net performance data is provided by State Street Analytics (SSA). Reported gross returns for the retirement plans prior to 07/01/2002 are net of all fees.
- Fiscal year ends on 06/30.
- Gross performance for the retirement plans is calculated with fee accruals provided by Montana's Accounting department.
- Gross of fees performance is not available (N/A) for the following funds: iShares:Core S&P Tot USM (ITOT), iShares:Core S&P 500 (IVV), iShares:Core S&P Md-Cp (IJH), iShares:Core S&P Sm-Cp (IJR), iShares:Core MSCI EAFE (IEFA), and iShares:Core MSCI EmMkts (IEMG).
- Non-Core Fixed Income currently consists of High Yield, Preferred Securities, EMD and Convertible Bonds.
- Private Investments currently consist of Private Equity, Private Credit, and Venture Capital.

Index Notes

- Retirement plan custom benchmarks are provided by State Street Bank and are calculated daily using actual allocations.
- The CAPP Custom Benchmark consists of the portfolio weighted average of the primary benchmark for each CAPP asset class.
- The Short Term Custom Benchmark consists of 100% ICE 1 Mo LIBOR Index (USD) through 4/30/2018, and 100% Federal Reserve US Treasury 1 Mo Constant Maturity Index thereafter.
- The Domestic Equity Custom Index consists of 100% S&P 1500 Comp Index through 04/30/2017 and 100% MSCI USA IM Index (USD) (Gross) thereafter.
- The International Equity Custom Index consists of 100% MSCI EAFE Index (USD) (Net) through 10/31/2006, 100% MSCI ACW Ex US Index (USD) (Net) through 06/30/2007, 92.5% MSCI ACW Ex US Index (USD) (Net) and 7.5% MSCI ACW Ex US SC IM Index (USD) (Net) through 02/28/2014, and 100% MSCI ACW Ex-US IM Index thereafter.
- The Real Estate Custom Index consists of 100% NCREIF ODCE Index (AWA) (Net) (1 Qtr Lag) through 03/31/2017, 100% MSCI US REIT Index (USD) (Gross) through 06/30/2020, and 100% NCREIF ODCE (AWA) (1 Qtr Lag) Index thereafter.
- The Private Investments Custom Index consists of 100% S&P 1500 Comp Index+4% (1 Qtr Lag) through 03/31/2017, 100% MSCI US Small Cap Index (USD) (Gross) through 12/31/2020, and the portfolio weighted average of MSCI US SC / S&P LSTA US Leverage Loan 100 Index for PE / PC thereafter.
- The Lazard Custom Index consists of 100% MSCI ACW Ex US Value Index (USD) (Net) through 6/30/2018 and 100% MSCI ACW Ex US Index (USD) (Net) thereafter.
- The Cohen & Steers Custom Index consists of 60% ICE BofA US IG Institutional Capital Securities Index, 20% ICE BofA Core Fixed Rate Preferred Securities Index, and 20% Bloomberg Barclays Developed Market USD Contingent Capital Index.
- The Payden & Rygel Custom Index consists of 70% JP Morgan EMBI Global Diversified Index, 30% JP Morgan GBI-EM Global Diversified Index.
- The Real Assets Custom Index consists of 100% MSCI All Country World Commodity Producers Index (USD) (Net) through 12/31/2020, 33.33% MSCI All Country World Commodity Producers Index (USD) (Net), 33.33% MSCI All Country World Infrastructure Index, 33.33% Bloomberg Barclays Global Inflation Linked US TIPS Index through 5/31/2024, and the portfolio weighted average of MSCI All Country World Commodity Producers Index (USD) (Net), MSCI All Country World Infrastructure Index, Bloomberg Barclays Global Inflation Linked US TIPS Index, and Short Term Custom Benchmark thereafter.
- The Core Fixed Income Custom Index consists of 100% Bloomberg US Agg Bond Index through 03/31/2017, the portfolio weighted average of Broad Fixed Income - PAC Custom Blend, Bloomberg US Corp Inv Grade Index, Bloomberg US MBS Index, Bloomberg US Int TIPS Index, Bloomberg US Trsy Int Trm Index through 11/30/2019, and 100% Bloomberg US Agg Bond Index thereafter.
- As of 07/01/2021, the Trust Fund Custom Index Benchmark is the portfolio weighted averaged of the primary benchmark, consisting of NCREIF ODCE Index (1Q lag), Bloomberg US High Yield - 2% Issuer Cap Index, and Bloomberg US Aggregate Bond Index.

Manager Transition Comments

- Baillie Gifford (SA) was terminated in 09/2025.
- BlackRock MSCI Emg Mkts Index NL (CF) was terminated in 04/2023.
- Zazove Convertible Bonds (SA) was funded in 03/2023.
- American Century Investment Mgmt (SA) was terminated in 03/2023.
- Templeton Investment Counsel (SA) was terminated in 03/2023.
- Reams Asset Core Plus (SA) was terminated in 03/2023.
- iShares:Russ 2000 ETF (IWM) and iShares:MSCI EAFE ETF (EFA) were liquidated in Q4 2022 to fund iShares:Core S&P Small Cap ETF (IJR) and iShares:Core MSCI EAFE ETF (IEFA), respectively.
- BlackRock MSCI USA Small Cap Index was transitioned from a commingled fund to a separate account structure during Q3 2022 to obtain a lower fee structure.
- Acadian Ex US Small Cap (SA) was funded in 02/2022.
- DFA Emg Mkts Sm Cap;I (DEMSX) was liquidated in 02/2022.
- DFA Intl Sm Co;I (DFISX) was liquidated in 02/2022.
- iShares:MSCI Em Mkts (EEM) was liquidated in 01/2022.
- iShares:Core MSCI EmMkts (IEMG) was funded in 12/2021.
- SPDR S&P 500 ETF (SPY) was liquidated in 12/2021.
- iShares:Core S&P 500 (IVV) was funded in 11/2021.
- Vaughan Nelson Management (SA), T. Rowe U.S. Structured Research (SA), J.P. Morgan 130/30 (SA), Jacobs Levy 130/30 Large Cap (SA), and DFA US Sm Cap TR (CF) were liquidated in 11/2021.
- iShares:Core S&P Tot USM (ITOT) was funded in 11/2021.
- Payden & Rygel EMD (SA) was funded in 12/2020.
- Cohen & Steers Preferred Securities (SA) was funded in 10/2020.
- Neuberger Berman High Yield (SA) and TFIP Private Real Estate were funded in the Trust Fund Investment Pool during Q1 2020.
- Diversifying Strategies investments were liquidated and Investment Grade Credit, US Treasury & Agency, and TIPS were consolidated into the Core Fixed Income composite during Q4 2019.
- Post High Yield Plus (SA), GMO:Bchmk-Fr All;III (GBMFX), and PIMCO:All Asset;Inst (PAAIX) were liquidated during Q3 2019.
- Oaktree US High Yield Fixed Income (SA) and Shenkman High Yield Fixed Income (SA) were funded in the Trust Fund Investment Pool during Q3 2019.
- Artisan Partners (SA), Iridian Asset Management (SA), Congress Mid Cap Growth (SA), TimeSquare Capital Management (SA), and Alliance Bernstein (SA) were liquidated in Q2 2019.
- BlackRock MSCI US Equity Index (CF) was transitioned into a separately managed account during Q1 2019.
- Northern Trust MSCI US Equity Index (SA), GMO:Bchmk-Fr All;III (GBMFX), and PIMCO:All Asset;Inst (PAAIX) were funded during Q4 2018.
- Voya Investment Management (SA) was liquidated in 07/2018.
- iShares:Russ 2000 ETF (IWM) was funded in 04/2018.
- Jacobs Levy 130/30 Large Cap (SA) was funded in 03/2018.
- Congress Mid Cap Growth (SA) was funded in 02/2018.
- Oaktree US High Yield (SA) and Shenkman High Yield Fixed Income (SA) were funded in 12/2017.
- Analytic Investors 130/30 (SA) was liquidated in 09/2017.
- Residual assets from the liquidation of AllianceBernstein Int'l Value (SA), Martin Currie (SA), Hansberger Global Investors (SA), and Aberdeen Total Return Bond Strategy (SA) were distributed in 06/2017.
- INTECH Enhanced Plus was liquidated in 06/2017.
- BlackRock MSCI US Equity Index (CF), BlackRock MSCI US Sm Cap Equity Index (CF), and iShares:Core S&P Md-Cp (IJH) were funded in 06/2017.
- SPDR S&P 500 ETF (SPY) and iShares:MSCI EAFE ETF (EFA) were re-funded in 06/2017.
- BlackRock Equity Index Fund A (CF) and BlackRock Mid Cap Equity Index A (CF) were liquidated in 05/2017.
- Nicholas Investment Partners was liquidated in 07/2016. Residual assets from liquidation were distributed in 03/2017.
- Wells Capital Management (SA), Domestic Equity Pool SPIF, and International Equity Pool SPIF were liquidated in 10/2016. Wells Capital Management (SA) residual assets from liquidation were distributed in 03/2017.
- DFA Emg Mkts Sm Cap;I (DEMSX) was funded in 02/2017.
- SPDR S&P 500 ETF (SPY) was liquidated in 01/2017.
- iShares:MSCI Em Mkts (EEM) was funded in 12/2016.
- SPDR S&P 500 ETF (SPY) was initially funded in 09/2015, was then liquidated in 12/2015, and was re-funded in 10/2016.
- iShares S&P SmallCap 600 Index ETF (IJR) was liquidated in 01/2016.

**Montana Board of Investments
Fee Schedule**

As of September 30, 2025

	Fee Schedule	Market Value As of 09/30/2025 (\$)
iShares:Core S&P Tot USM (ITOT)	0.03 % of Assets	105,546,438
iShares:Core S&P 500 (IVV)	0.03 % of Assets	82,155,906
iShares:Core S&P Md-Cp (IJH)	0.05 % of Assets	140,587,987
iShares:Core S&P Sm-Cp (IJR)	0.06 % of Assets	74,138,037
iShares:Core MSCI EAFE (IEFA)	0.07 % of Assets	88,206,324
iShares:Core MSCI EmMkts (IEMG)	0.09 % of Assets	56,631,081

ETF fees are sourced from Morningstar and/or the investment manager.

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TAB 8

Investment Update

Board Meeting: December 10, 2025
Information as of: September 30, 2025

Market values contained in this report are shown in USD. The information contained in this report is unaudited. The annual, audited Unified Investment Program Financial Statements are available on the Board's website at www.investmentmt.com.

Table of Contents

CIO Update	4
• Total AUM	8
• Pension	11
• STIP	16
• TFIP	18
• SFIP	20
Macro Attribution	23
Domestic Equity	26
International Equity	29
Non-Core Fixed Income	32
Real Estate	35
Real Assets	39
Private Investments	43
Core Fixed Income	47
Appendix	52

CIO Update

Economic Environment

** Shutdown delayed the release of most government data since Oct 1st*

- **GDP** – The Bloomberg Economics Survey in October forecast U.S. GDP to grow 1.9% in 2025 and 1.8% in 2026.
- **Job Growth** – Employment at US companies grew 42K in October according to ADP Research data. Employment declined 29K in the prior month.
- **Retail Sales** – Fiserv consumer spending data indicated sales grew 1.5% and transactions 1.1% y/y as of October. Discretionary spending rose 0.2% and essential purchases grew 2.5% y/y.
- **Inflation** – In October, Core CPI was up 3% y/y. The median 5-year inflation expectation from the University of Michigan survey in November was 3.4%.
- **Housing** – Existing home inventory and housing affordability remain near historic lows according to the National Association of Realtors.
- **ISM Indices** – In October, the ISM Manufacturers Index remained weak at 48.7. The ISM Services Index rose to 52.4. Readings above 50 indicate growth.

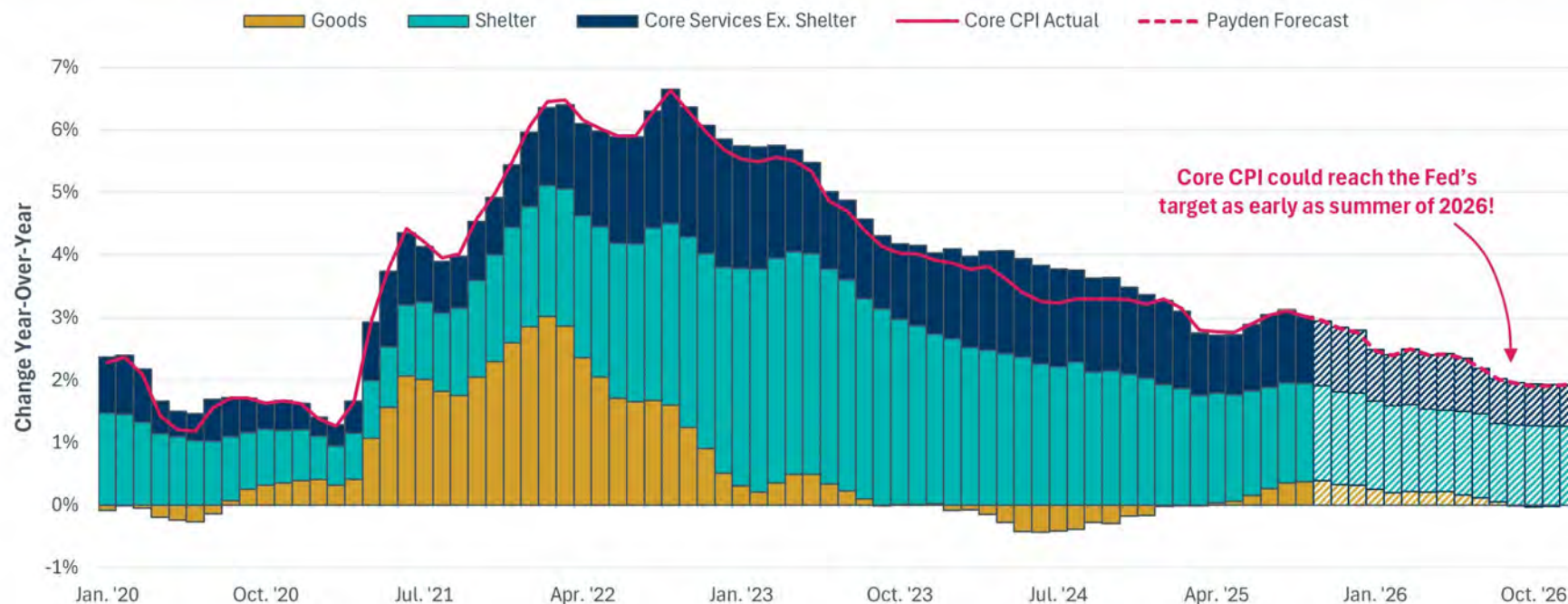
CIO Update

Economic Environment

Core CPI appears to be moderating, particularly shelter

Core CPI* By Component Contribution, Actual And Payden Forecast

For The Week Ending 10/24/2025



Sources: Bureau of Labor Statistics, Payden Calculations

*Consumer Price Index (CPI), excluding food and energy prices

Source: Payden Economics

CIO Update

Economic Environment

Age of US First-Time Homebuyers Surges to Record

High prices and mortgage rates push homeownership out of reach

Median age of first-time buyers



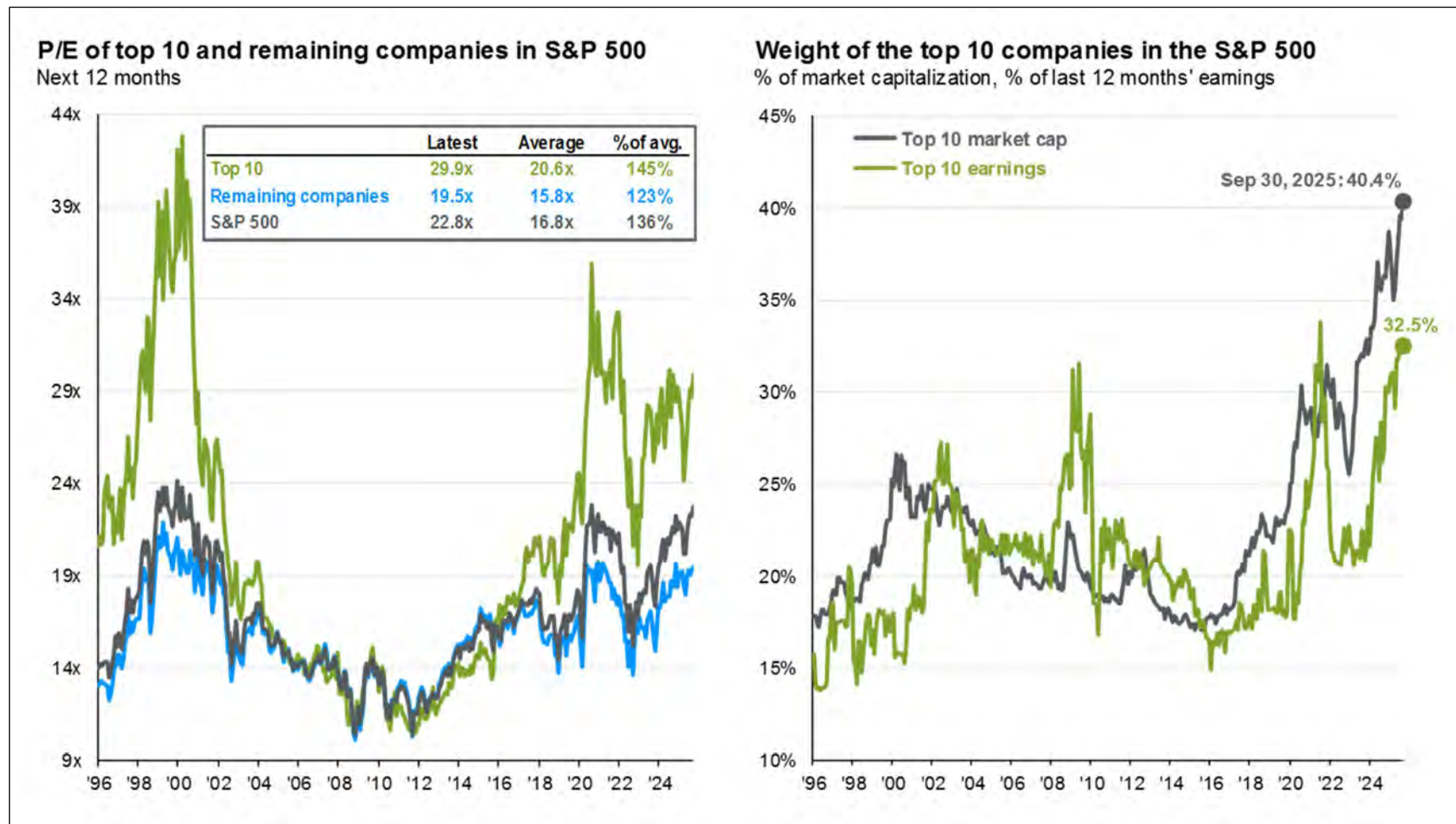
Source: National Association of Realtors

Bloomberg

CIO Update

Economic Environment

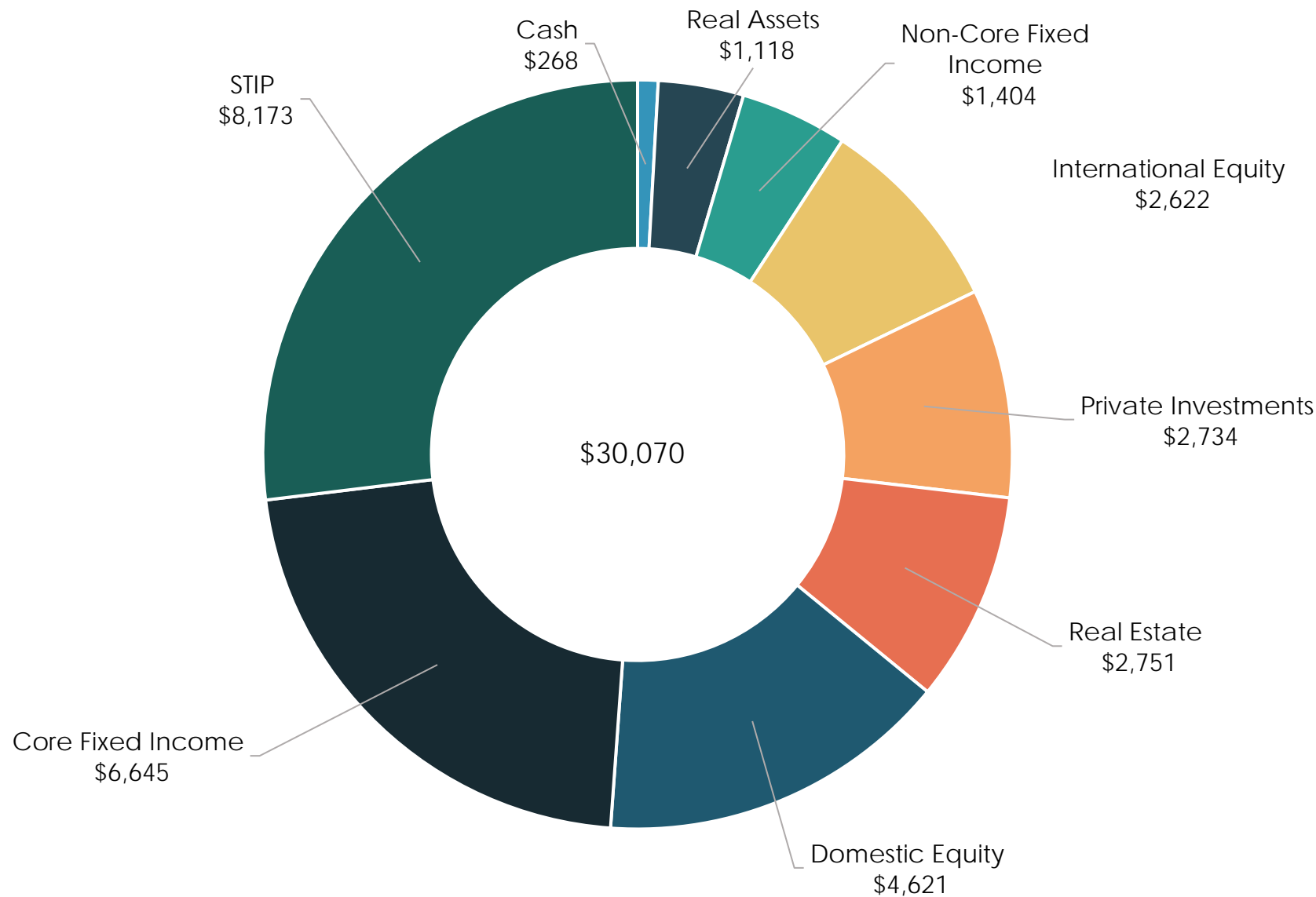
The top 10 stocks in the S&P 500 make up more than 40% of the index.



Source: JP Morgan - Guide to the Markets as of 09/30/25

CIO Update

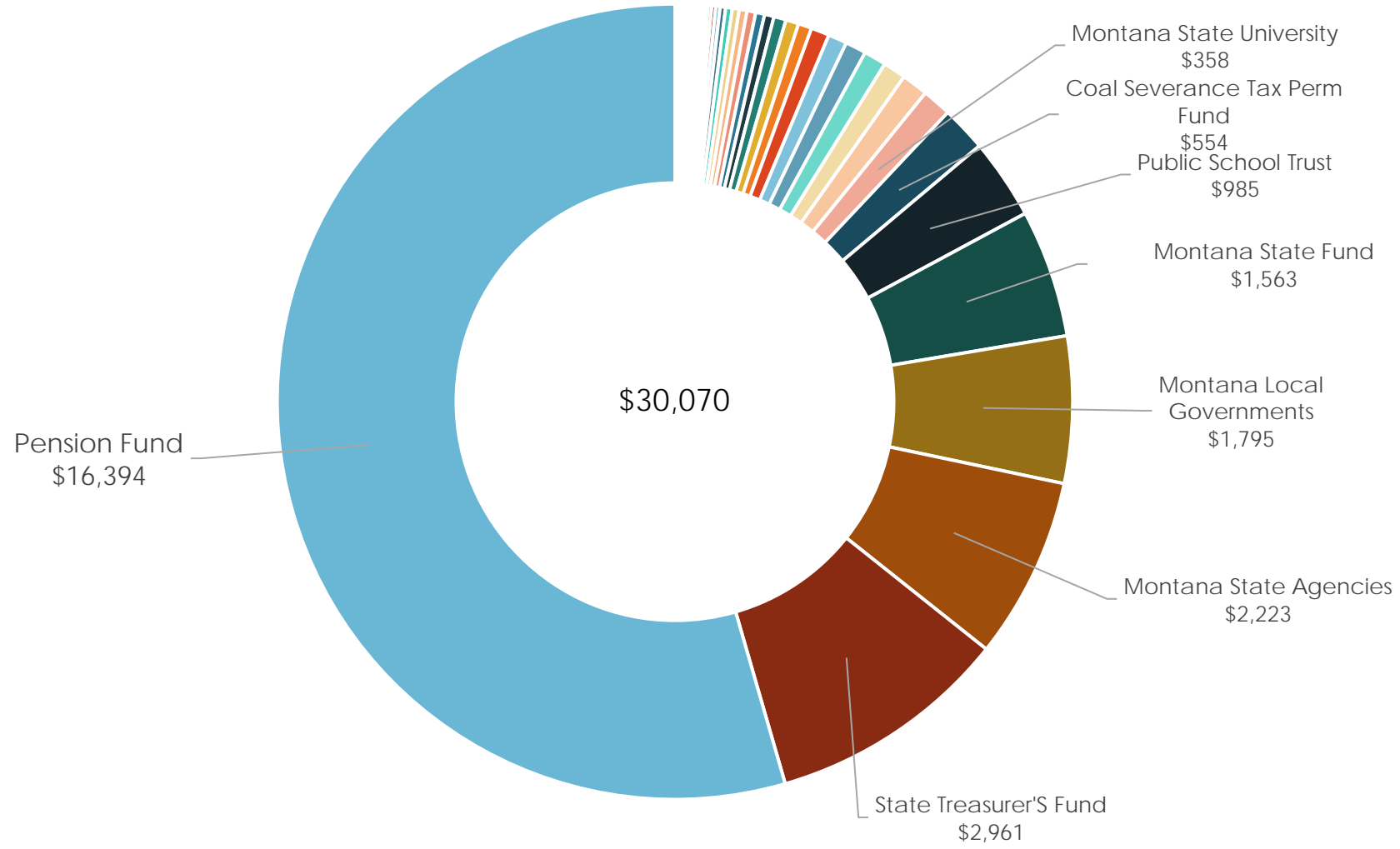
AUM by Asset Class



* Dollar values are in \$1,000,000
September 30, 2025

CIO Update

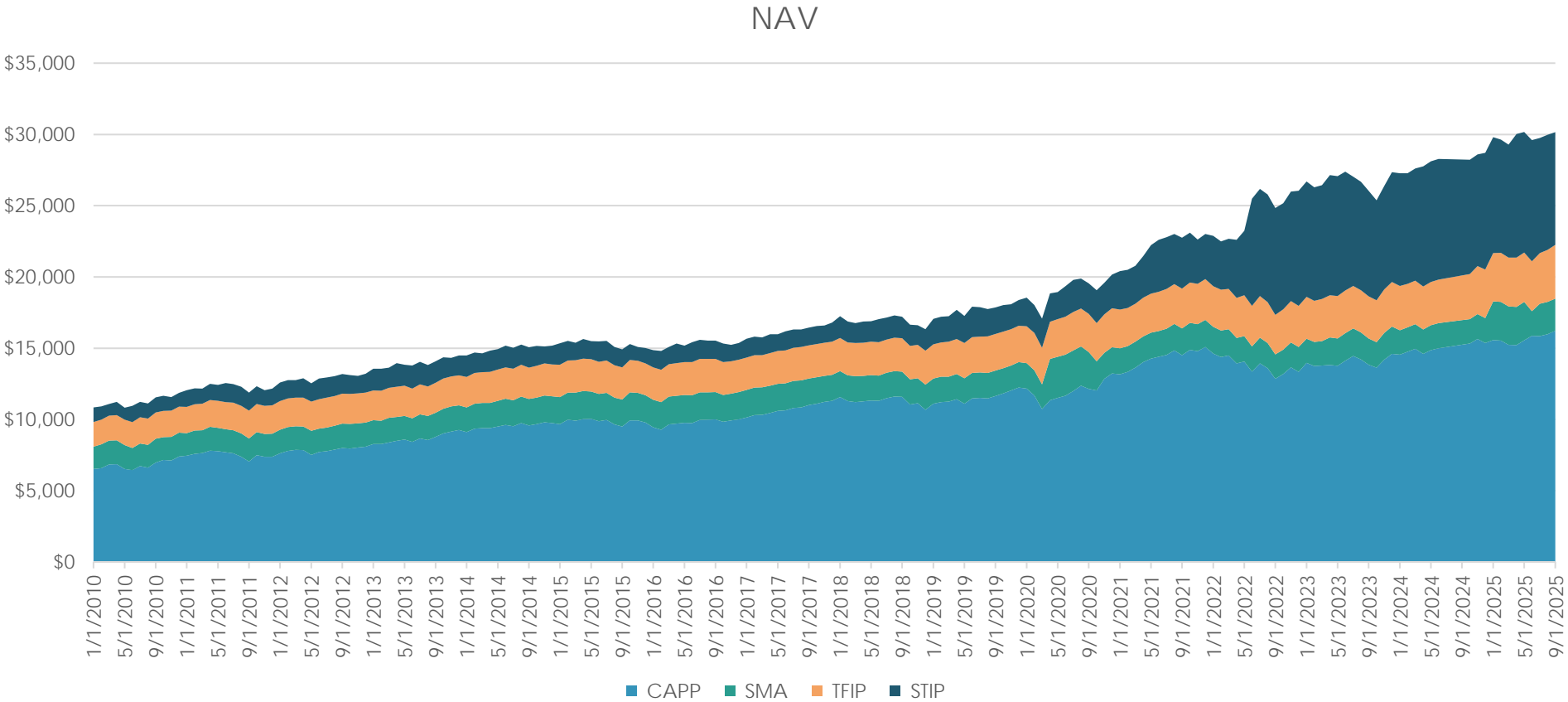
AUM by Participant Type



* Dollar values are in \$1,000,000
September 30, 2025

CIO Update

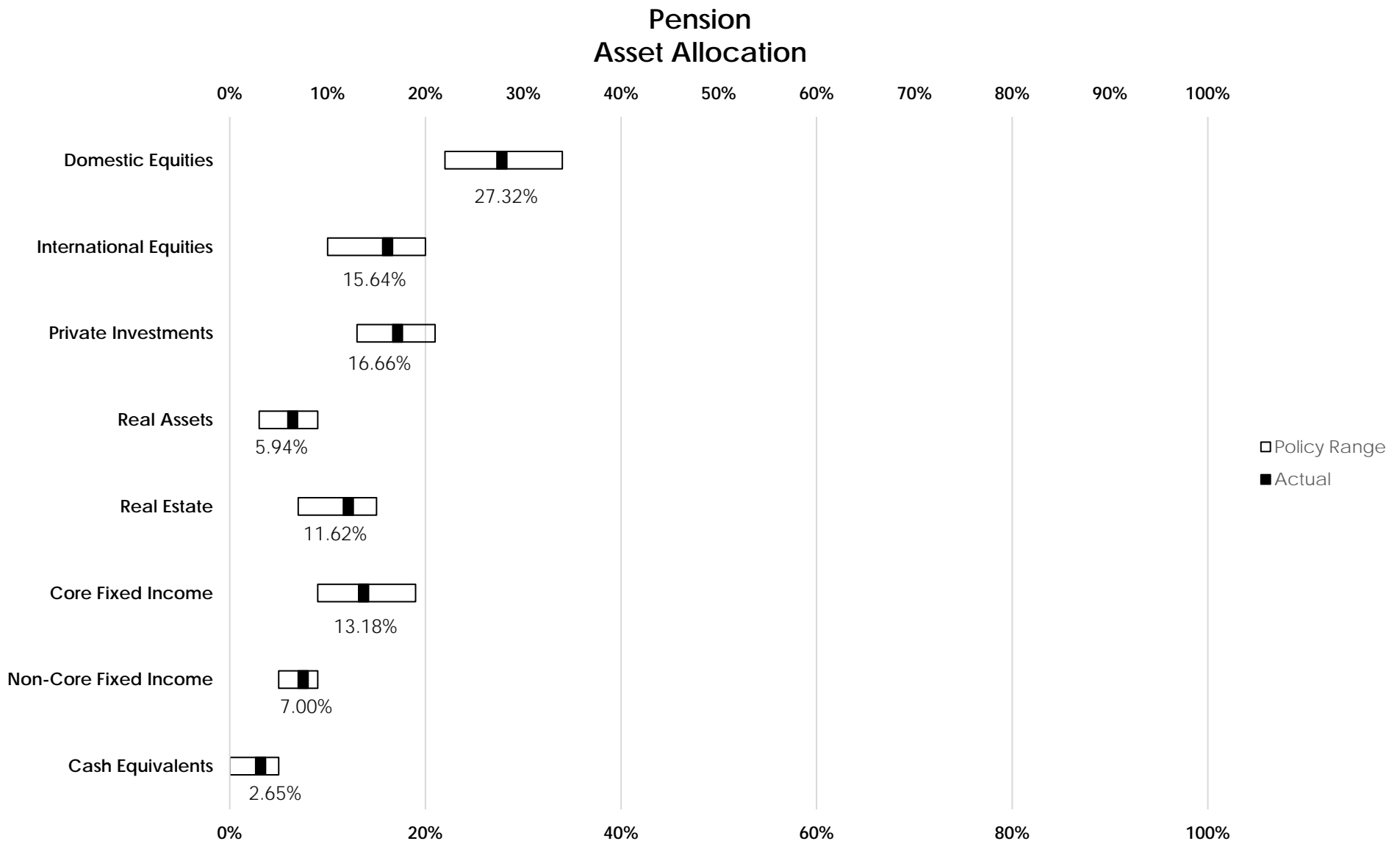
AUM by Pool



* Dollar values are in \$1,000,000
September 30, 2025

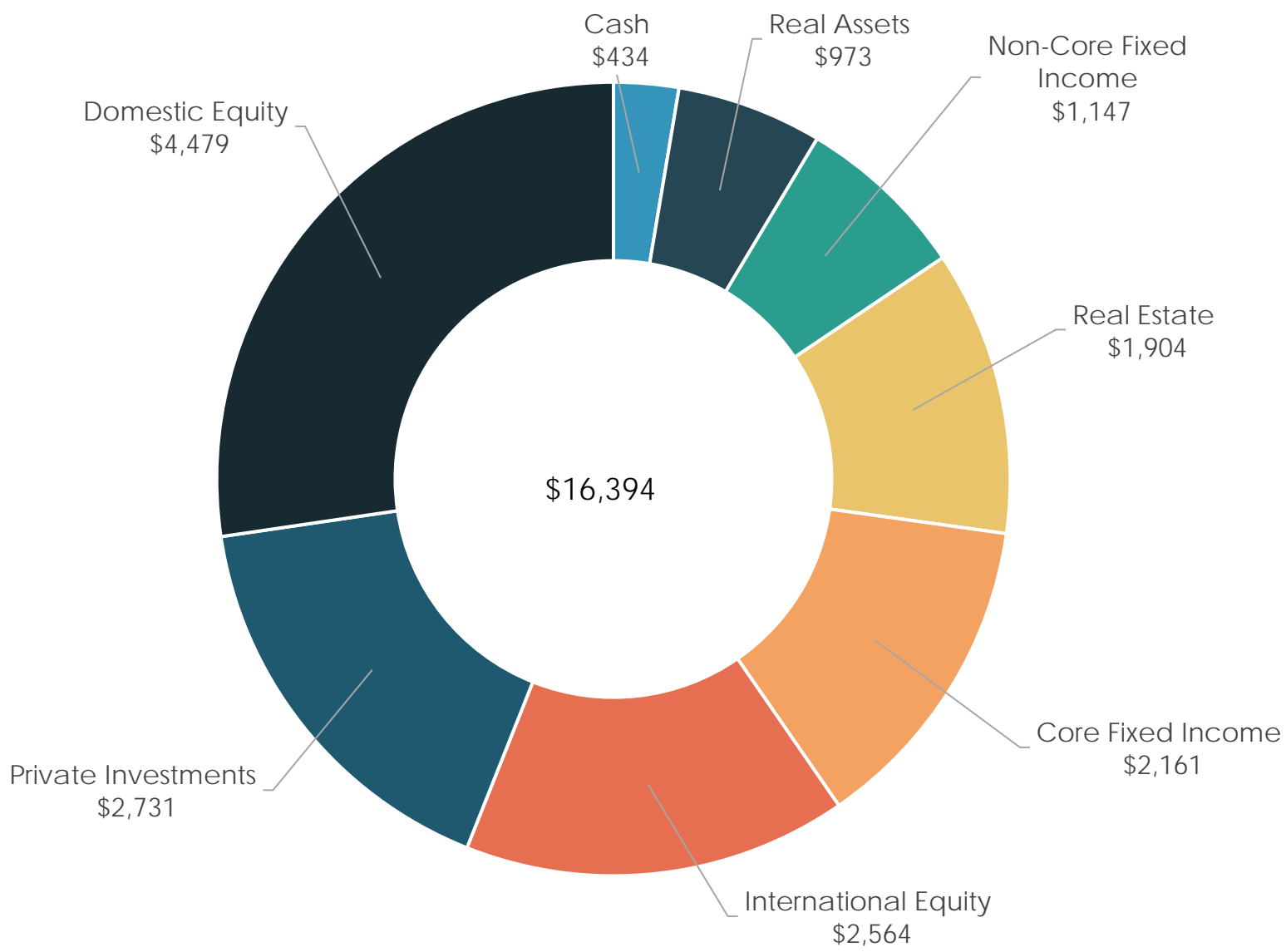
CIO Update

Pension Asset Allocation



CIO Update

Pension Asset Allocation

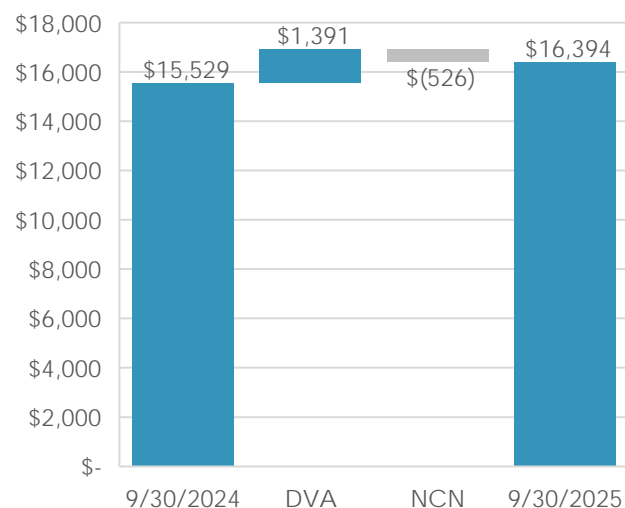


* Dollar values are in \$1,000,000
September 30, 2025

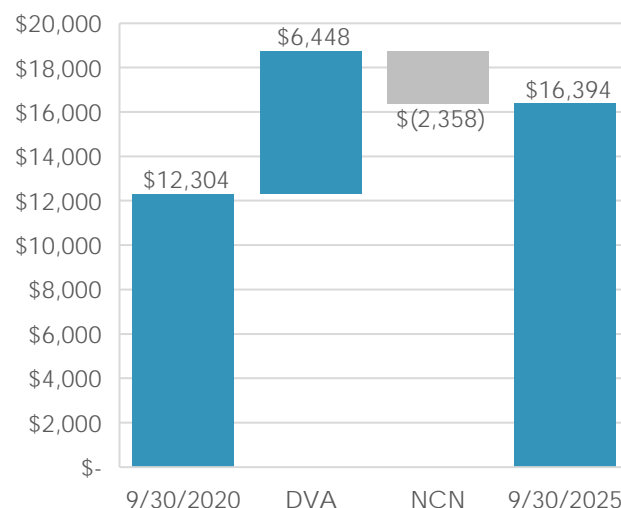
CIO Update

Pension Net Performance

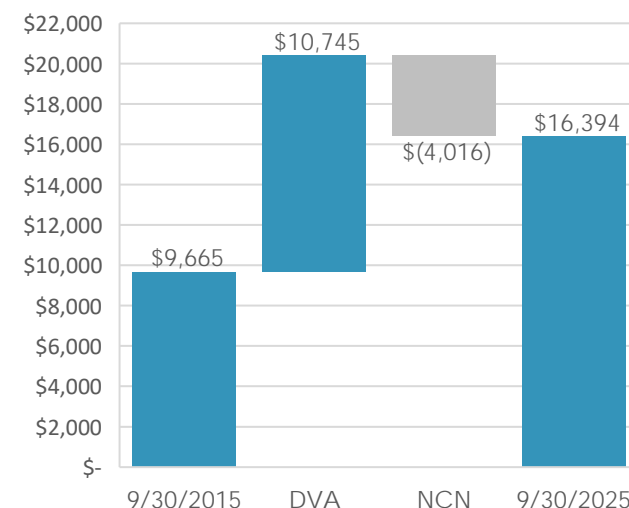
Asset Changes
1 Year



Asset Changes
5 Year



Asset Changes
10 Year



- Dollar Value Added – The total dollar return of the portfolio including income and capital gains.
- Net Cash Need - The total dollar amount distributed from portfolio assets to meet the deficit of contributions minus distributions.
 - A grey bar indicates an aggregate net outflow by all plans even though some plans may have experienced net inflows.
 - Though aggregates are shown, each plan is independent and not able to rely on other plans to meet their respective liabilities.

* Dollar values are in \$1,000,000

September 30, 2025

CIO Update

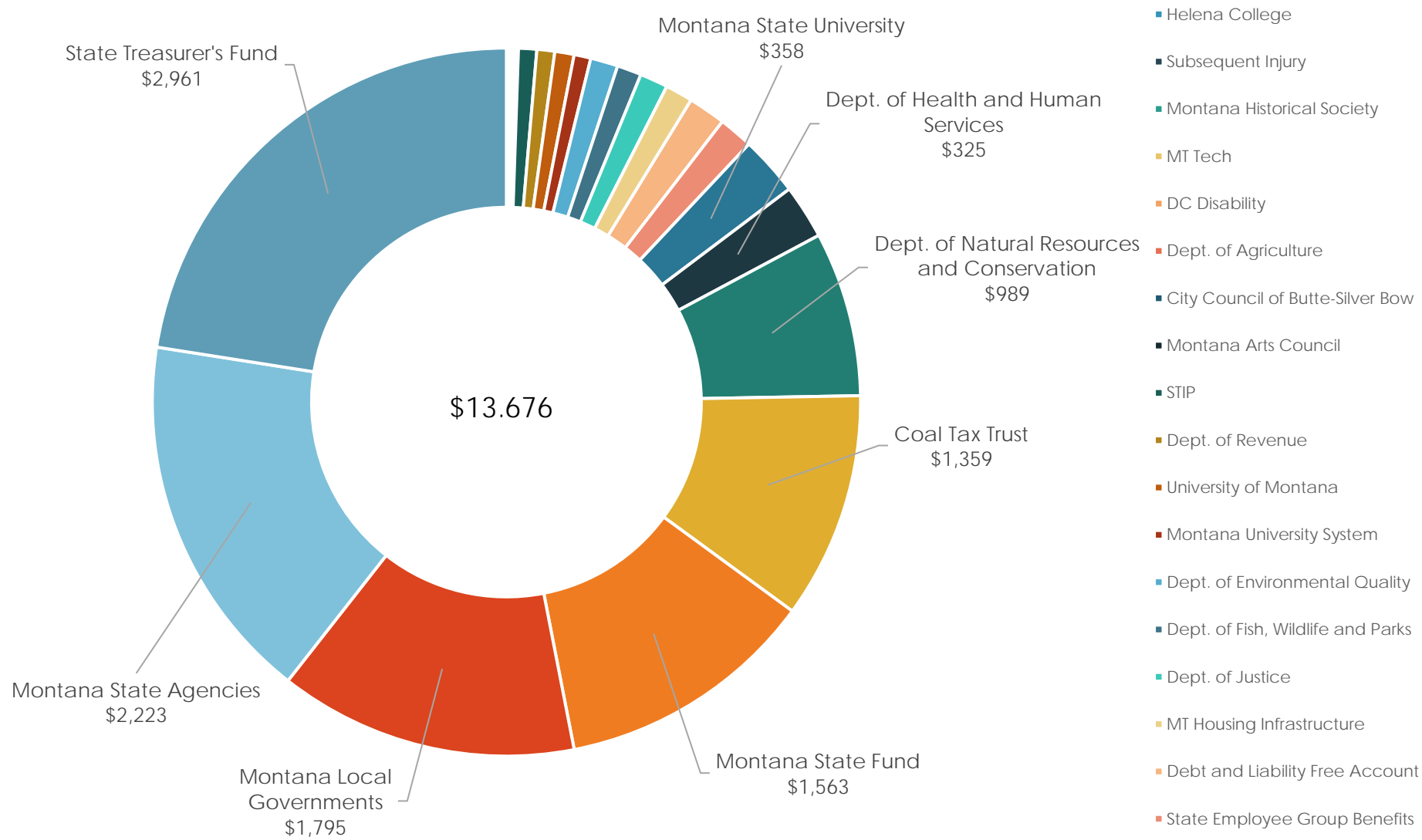
Pension Net Performance

Performance	FYTD	1 Year	3 Year	5 Year	10 Year	20 Year	Since Inception
Public Employees' Retirement	4.12%	9.15%	11.65%	9.40%	8.74%	7.27%	7.89%
Police Officers' Retirement	4.12%	9.17%	11.66%	9.40%	8.75%	7.25%	7.78%
Game Wardens' Retirement	4.12%	9.15%	11.64%	9.39%	8.74%	7.25%	7.81%
Sheriffs' Retirement	4.12%	9.15%	11.63%	9.40%	8.74%	7.26%	7.80%
Judges' Retirement	4.13%	9.16%	11.65%	9.40%	8.75%	7.27%	7.80%
Highway Patrol Retirement	4.12%	9.15%	11.63%	9.39%	8.74%	7.27%	7.79%
Teachers' Retirement	4.12%	9.14%	11.63%	9.38%	8.74%	7.27%	7.89%
Vol Firefighters' Retirement	4.13%	9.16%	11.65%	9.40%	8.73%	7.27%	7.64%
Firefighters' Retirement	4.12%	9.16%	11.66%	9.40%	8.75%	7.26%	7.77%

Inception 7/1/1994

CIO Update

AUM ex. CAPP

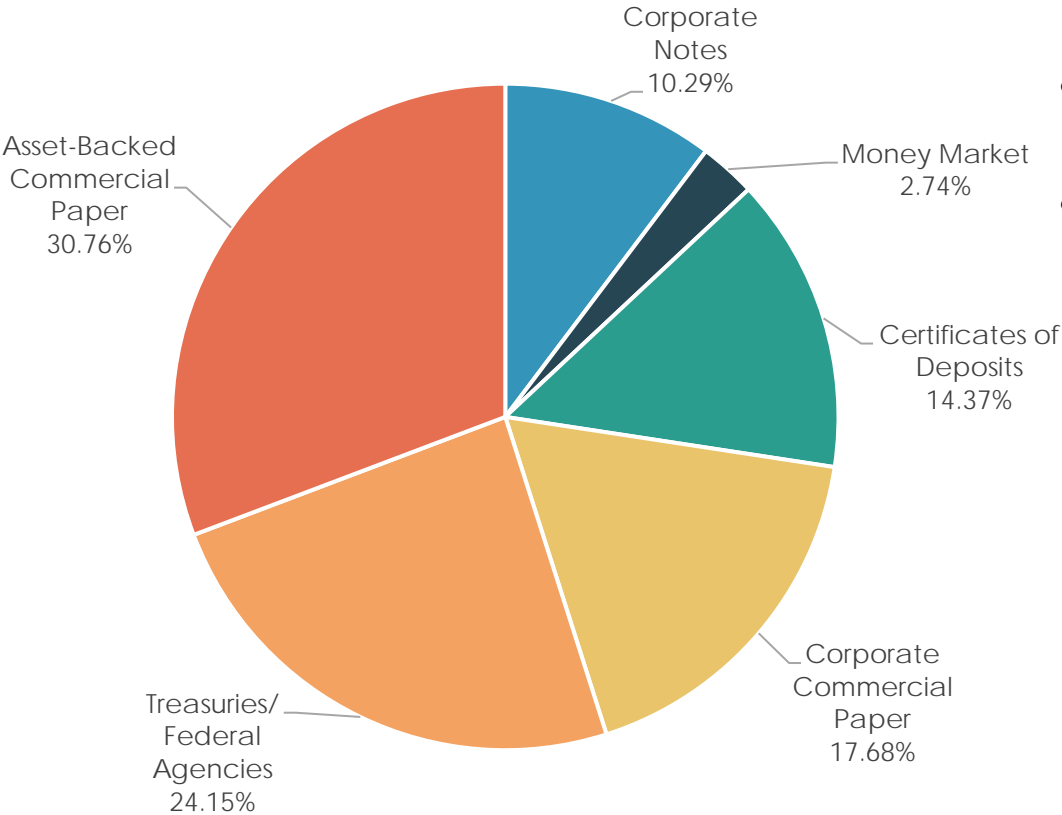


* Dollar values are in \$1,000,000
September 30, 2025

CIO Update

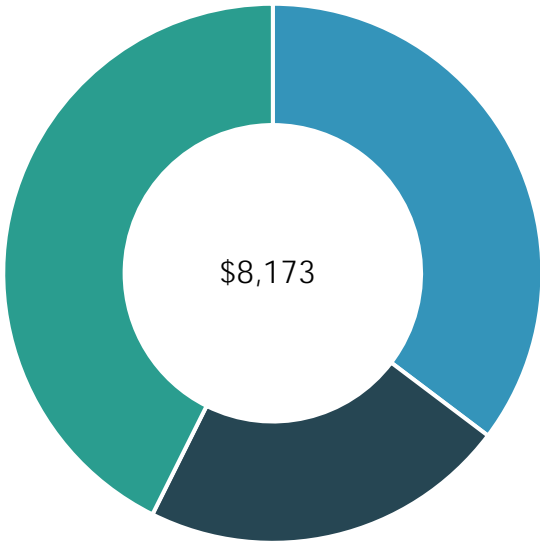
Short Term Investment Pool

STIP Sectors



- The weighted average maturity of the portfolio was 53 days at quarter end.
- The STIP Reserve was \$109M at quarter end.

STIP Clients



■ Treasurer's Fund ■ Local Governments ■ State

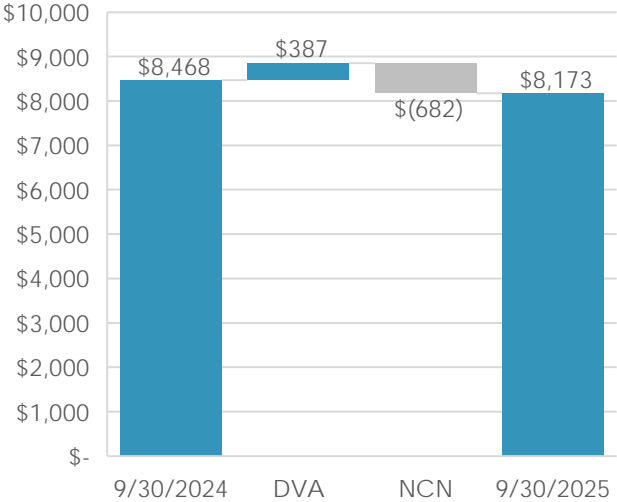
* Dollar values are in \$1,000,000
September 30, 2025

CIO Update

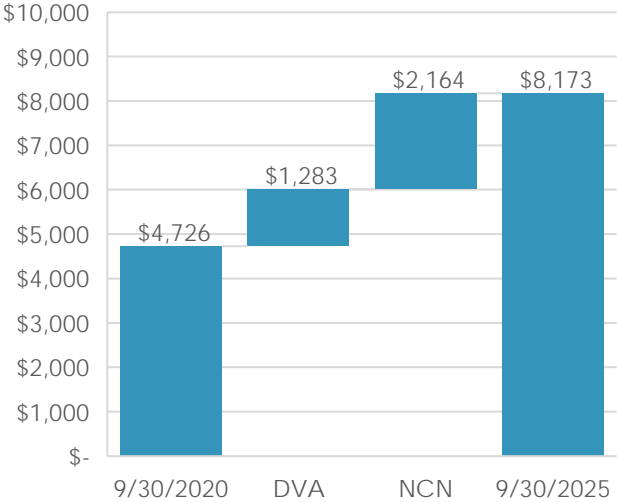
Short Term Investment Pool

STIP Net Performance

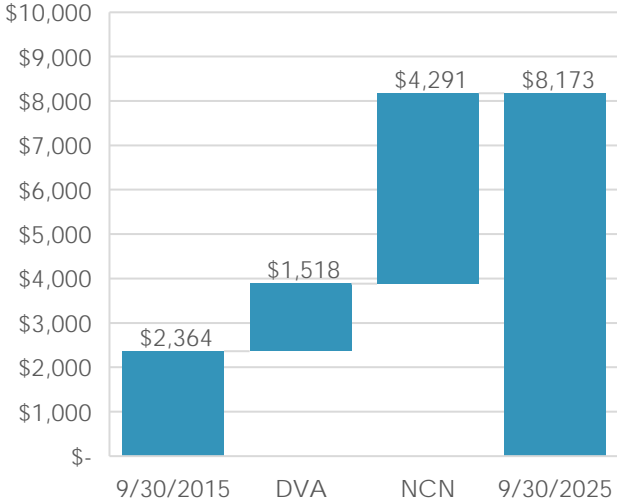
Asset Changes
1 Year



Asset Changes
5 Year



Asset Changes
10 Year

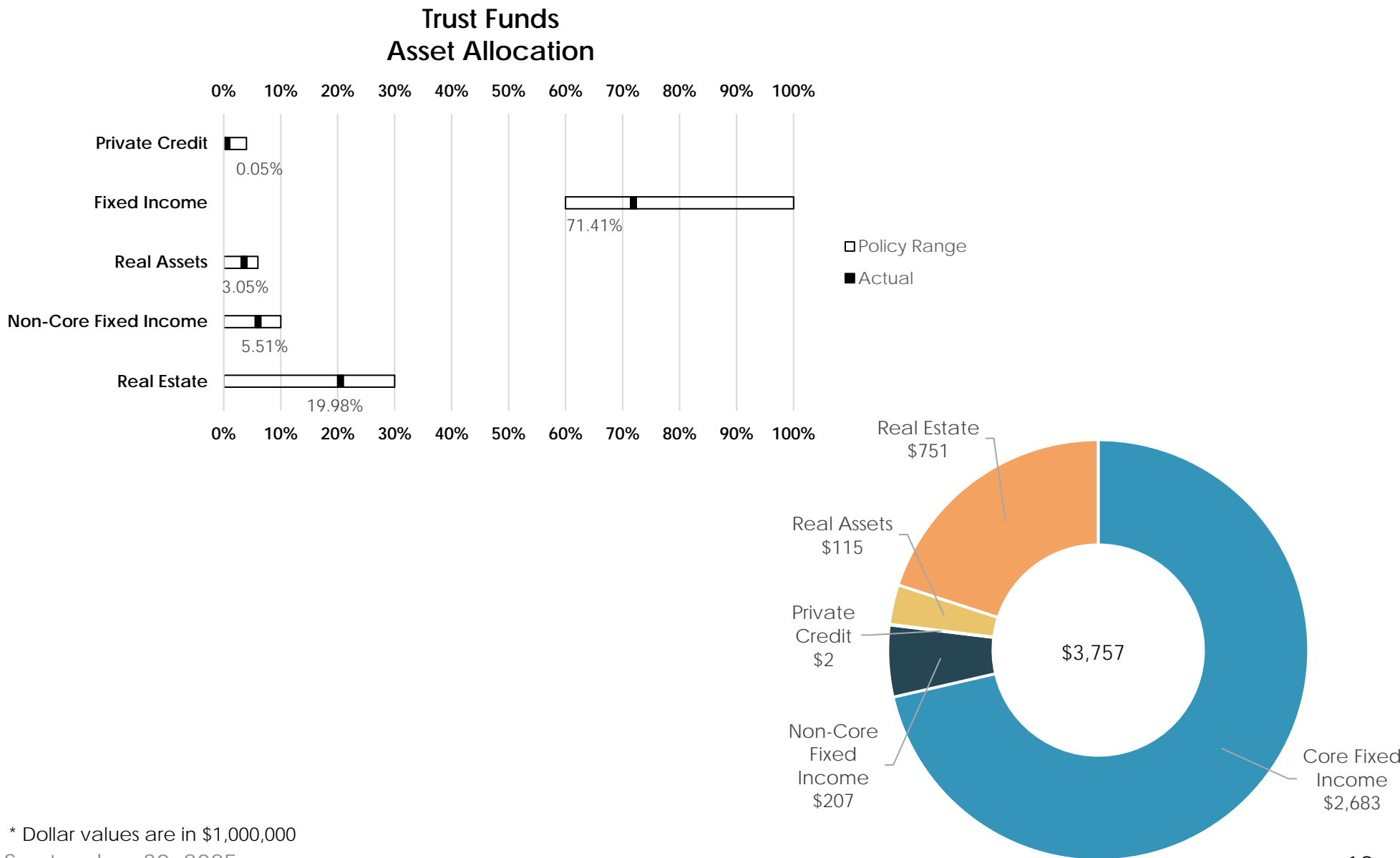


Performance	FYTD	1 Year	3 Year	5 Year	10 Year	Since Inception
Short Term Investment Pool (STIP)	1.13%	4.61%	4.91%	3.12%	2.22%	2.53%
Short Term Investment Pool Benchmark	1.10%	4.55%	4.99%	3.13%	2.18%	2.46%

* Dollar values are in \$1,000,000
September 30, 2025

CIO Update

Trust Funds Investment Pool



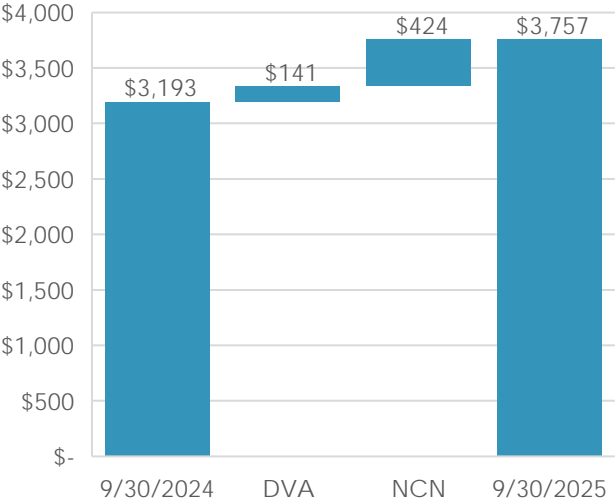
* Dollar values are in \$1,000,000
September 30, 2025

CIO Update

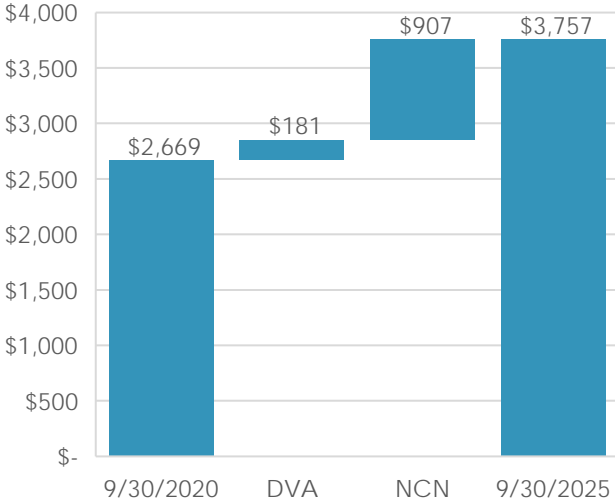
Trust Funds Investment Pool

TFIP Net Performance

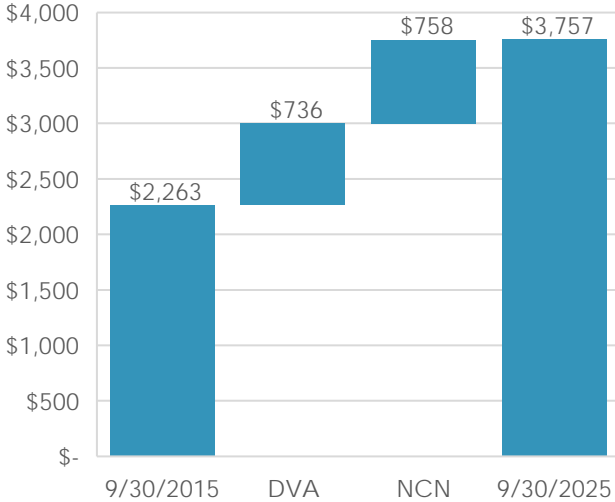
Asset Changes
1 Year



Asset Changes
5 Year



Asset Changes
10 Year



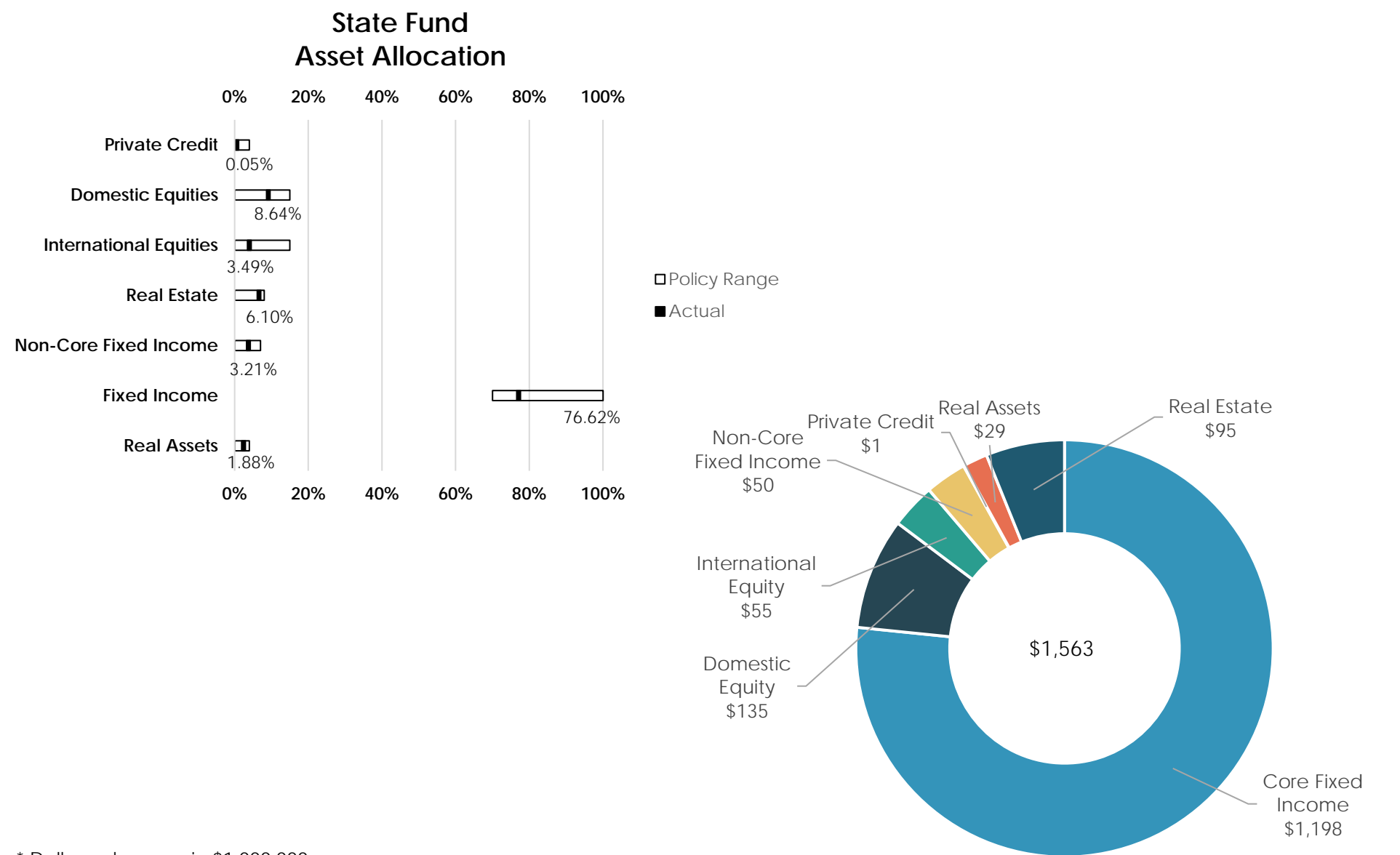
Performance	FYTD	1 Year	3 Year	5 Year	10 Year	Since Inception
Trust Funds Investment Pool (TFIP)	1.93%	3.99%	3.68%	0.98%	2.78%	5.29%
Trust Funds Investment Pool Benchmark	2.00%	3.62%	2.79%	0.58%	2.36%	4.50%

Yield	1 Year	3 Year	5 Year	10 Year
Trust Funds Investment Pool (TFIP)	4.17%	3.92%	3.59%	3.46%

* Dollar values are in \$1,000,000
September 30, 2025

CIO Update

State Fund Investment Pool



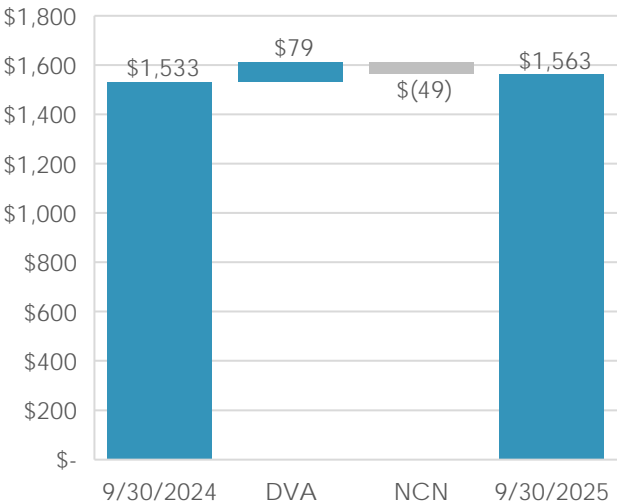
* Dollar values are in \$1,000,000
September 30, 2025

CIO Update

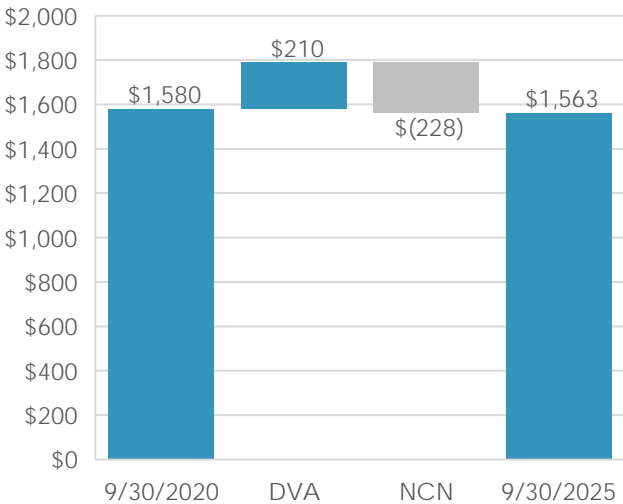
State Fund Investment Pool

SFIP Net Performance

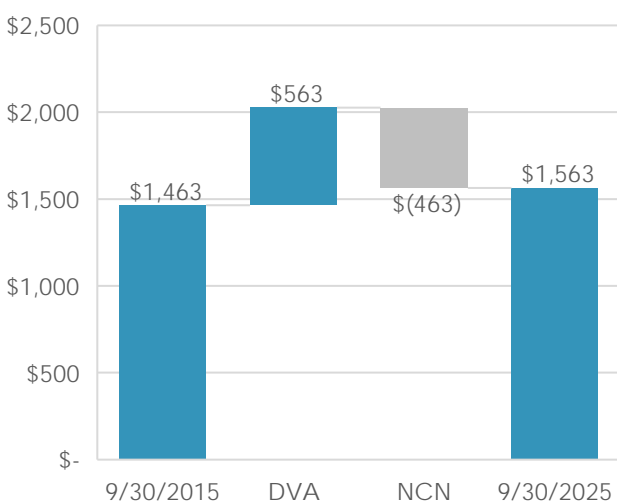
Asset Changes
1 Year



Asset Changes
5 Year



Asset Changes
10 Year



Performance	FYTD	1 Year	3 Year	5 Year	10 Year	Since Inception
State Fund	2.70%	5.30%	6.88%	2.88%	3.84%	5.21%
State Fund Benchmark	2.78%	5.12%	6.51%	2.47%	3.52%	4.70%

* Dollar values are in \$1,000,000
September 30, 2025

CIO Update

- Market uncertainty remains elevated as businesses work to navigate fiscal and monetary policy changes with reduced economic data. Maintaining slightly higher cash levels to preserve flexibility.
- Developing BOI's recommended investment lineup for the defined contribution/deferred compensation plans. Completed on-site due diligence for all managers.
- Testing uses for AI across the organization. Examples include creation of draft documents, initial scoring of credit matrix, compiling due diligence meeting notes, and validating payroll inputs.
- Summer internship positions have been posted and have had a good response so far.
- Board training in January.

Macro Attribution

Key Takeaways – 3 Year

Strategic Asset Allocation - *What was the performance of our midpoint weighted benchmark portfolio?*

- All benchmarks except Real Estate provided positive contributions to the pension, policy-neutral, 14.2% return.

Tactical Asset Allocation - *Did the actual asset class weights add additional return over the midpoint weighted benchmark portfolio?*

- About \$440M of equity asset classes were sold and \$86M of fixed income/cash asset classes were sold during the last year. The pension net cash need was \$-526M for the year.
- In aggregate, the overweighting/underweighting of the asset classes relative to their benchmarks decreased the pension portfolio's return by 48 bps with the underweight to Domestic Equity providing most of the underperformance.

Style Selection - *Did the portfolio benchmarks add additional return over their asset class benchmarks?*

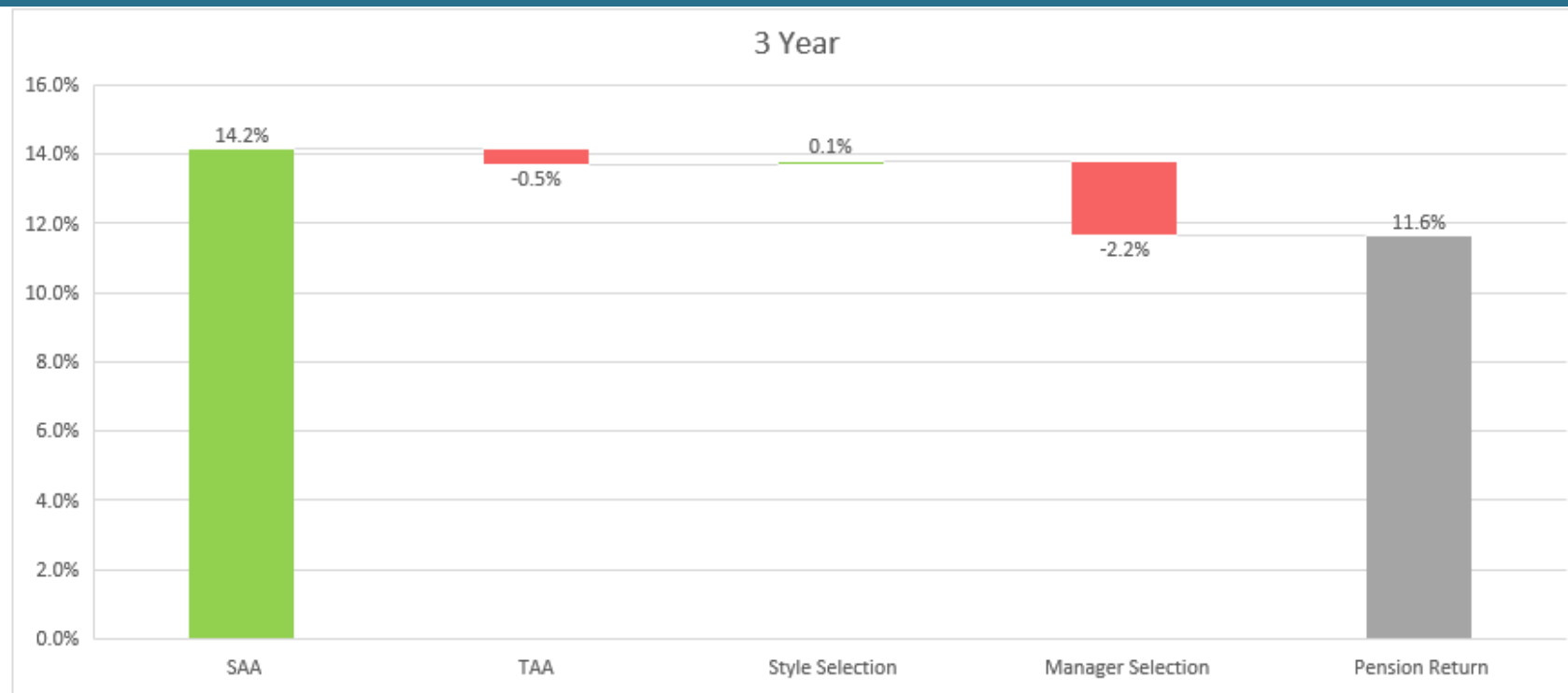
- The Domestic Equity manager benchmarks had higher exposure to small cap than the asset class benchmark leading to total style underperformance of 16 bps.
- The International Equity manager benchmarks had higher exposure to growth benchmarks than the asset class benchmark leading to total style underperformance of 6 bps.
- The outperformance of the Infrastructure index relative to TIPS resulted in style outperformance of about 13 bps.
- Within Real Estate, the outperformance of the REIT index and CMBS index relative to the NCREIF ODCE led to style outperformance of 25 bps.
- Within Non-Core Fixed Income, there was negligible style performance.

Manager Selection - *Did the portfolio managers add additional return over their portfolio benchmarks?*

- In Domestic Equity, International Equity, Core Fixed Income, and Non-Core Fixed Income there were negligible manager selection effects on a net basis.
- Private Investments manager selection underperformed by 206 bps.
- Real Assets underperformed by 40 bps due to the infrastructure and commodities portfolios.
- In Real Estate, the private real estate portfolios were the primary driver of the 32 bps of outperformance.

Note: The publicly traded benchmarks for private asset classes are an imperfect proxy for actual holdings due to the pricing of private assets lagging their publicly traded benchmarks.

Macro Attribution



Strategic Asset Allocation (SAA) - The return that would have been achieved if we had invested in our asset class benchmarks at the midpoint weights.

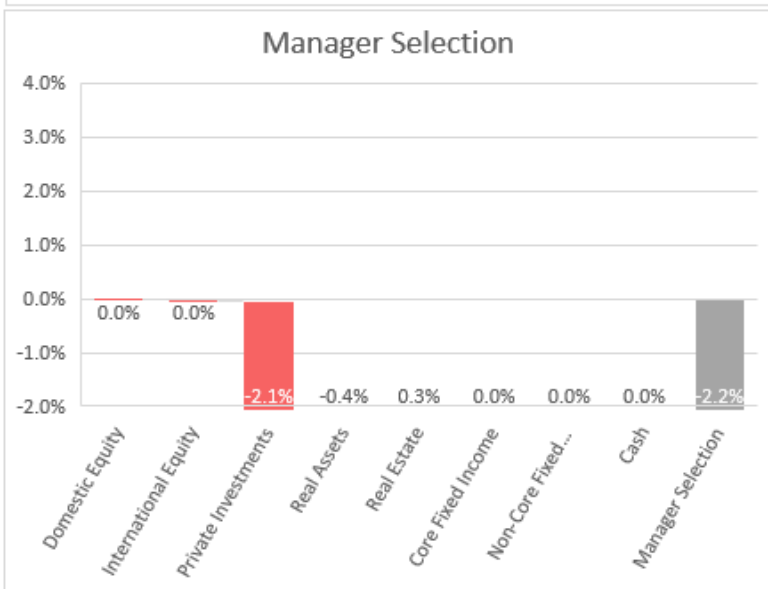
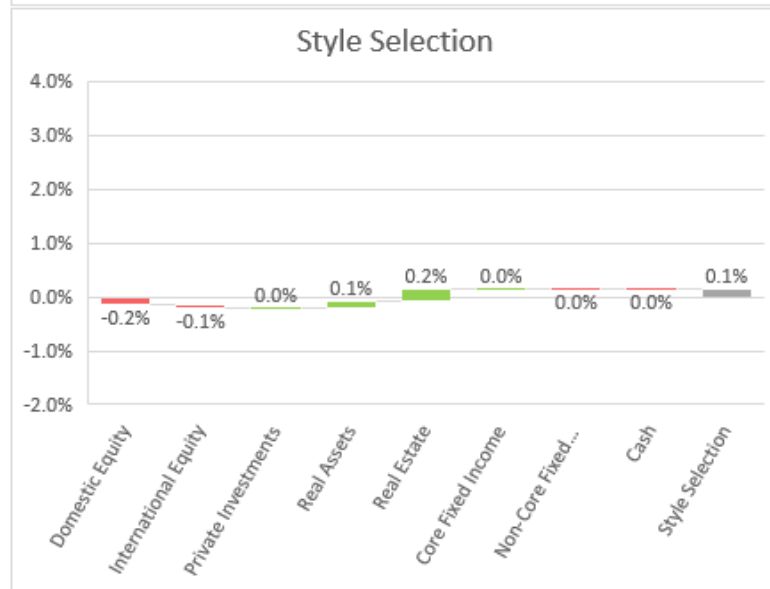
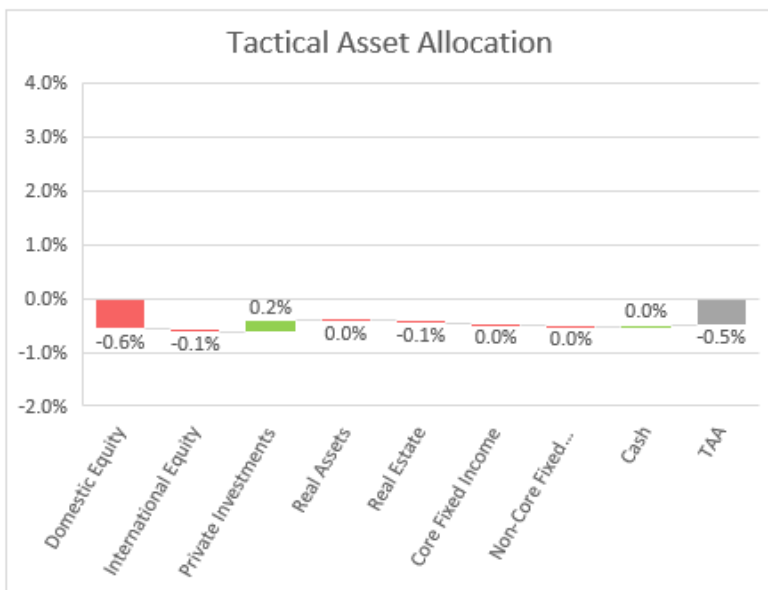
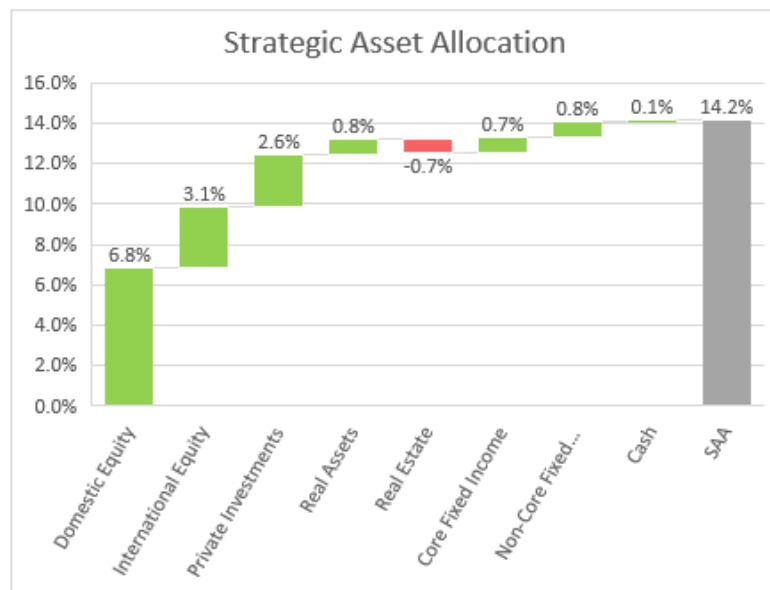
Tactical Asset Allocation (TAA) - The *additional* return earned by investing in the asset class benchmarks at our actual rather than midpoint weights.

Style Selection (SS) - The *additional* return earned by investing in the underlying manager benchmarks rather than the asset class benchmarks.

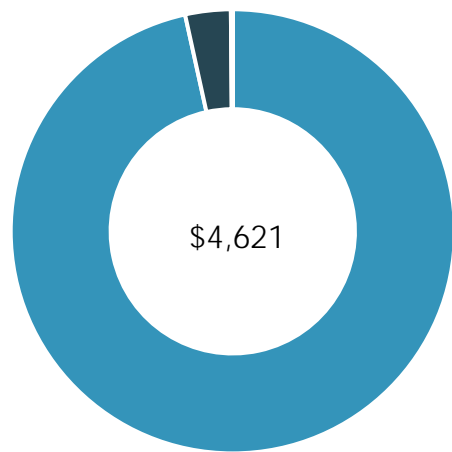
Manager Selection - The *additional* return earned by investing in the underlying managers rather than the underlying manager benchmarks.

* The valuation lag observed in Private Equity, Real Estate, and Natural Resources are likely to lead to large differences in returns between these asset classes and their benchmarks in short-mid term time periods. The manager selection component is therefore likely to be large for these asset class in the short and medium term.

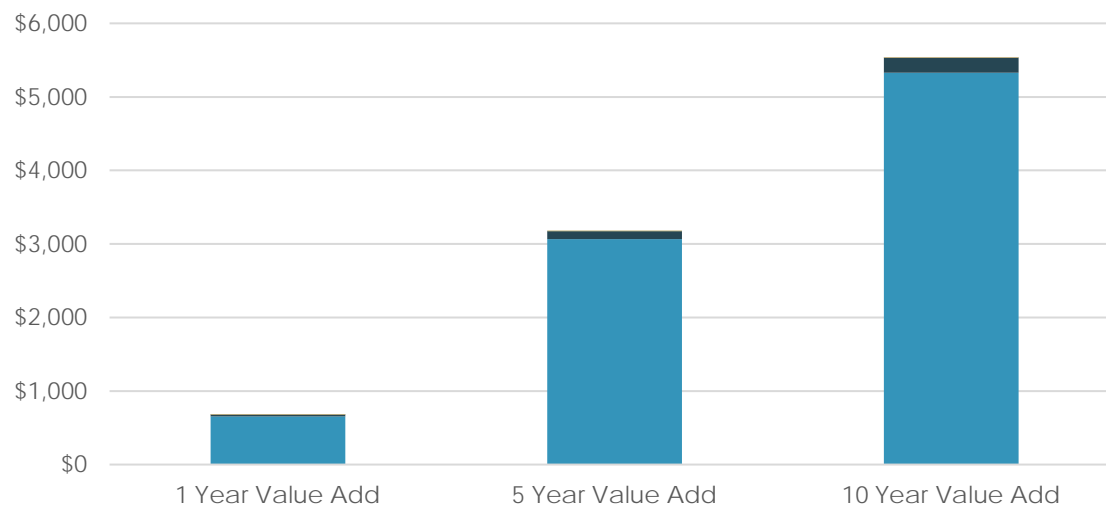
Macro Attribution



Domestic Equity Ownership Breakdown



■ Pension ■ State Fund ■ DC Disability
■ Lubrecht Forest ■ Kyiyo Pow Wow



■ Pension ■ State Fund ■ DC Disability ■ Lubrecht Forest ■ Kyiyo Pow Wow

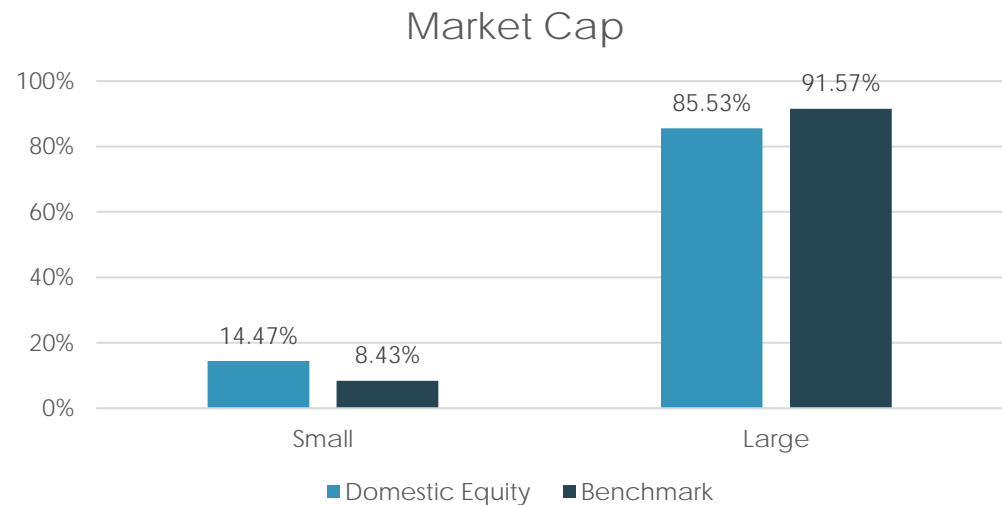
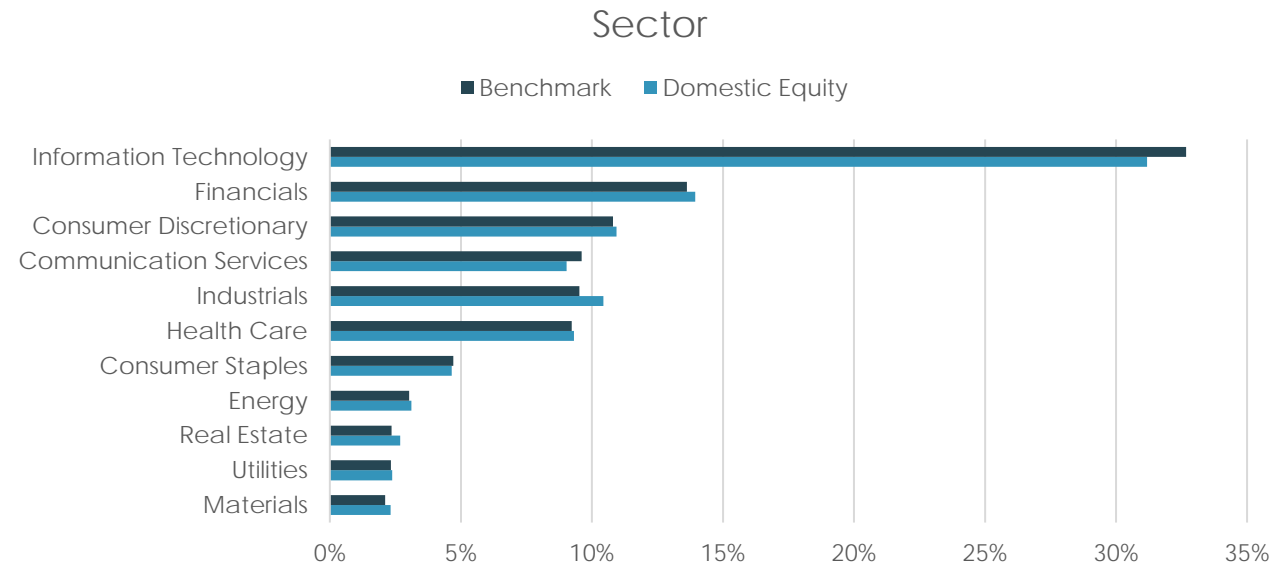
Performance	1 Year	1 Year Benchmark	5 Year	5 Year Benchmark	10 Year	10 Year Benchmark
Pension	16.52%	17.47%	15.92%	15.90%	14.23%	14.88%
State Fund	17.59%	17.60%	16.46%	16.47%	15.29%	15.30%
DC Disability	17.45%	17.46%	15.72%	15.69%	NA	NA
Lubrecht Forest	NA	NA	NA	NA	NA	NA
Kyiyo Pow Wow	NA	NA	NA	NA	NA	NA

- US stocks continued to rally, with optimism about future interest rate cuts and enthusiasm around AI fueling the gains in 3Q25.
- After underperforming in 1Q25, US Growth stocks have rebounded and have trounced Value stocks over the last two quarters. Small Caps edged out Large Caps in the quarter but have still lagged YTD.

* Dollar values are in \$1,000,000

September 30, 2025

Domestic Equity Characteristics - Pension



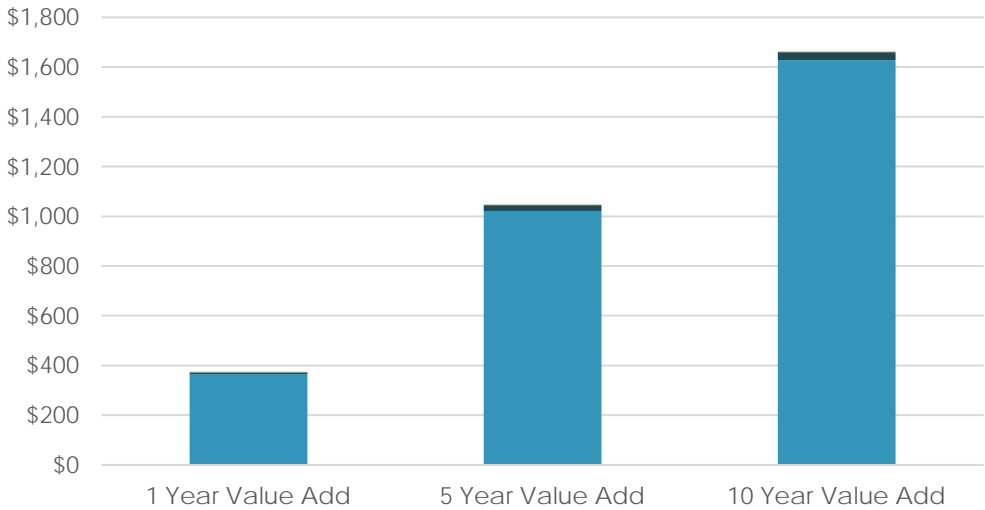
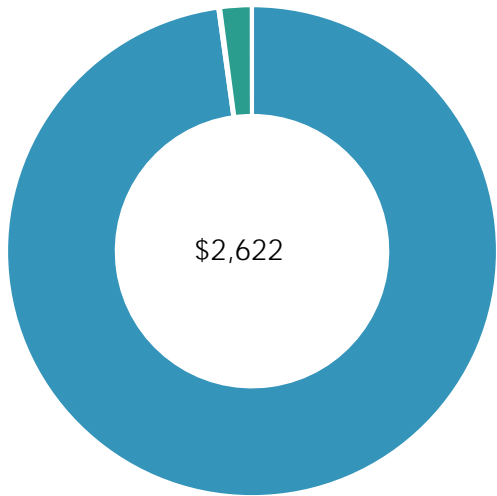
Domestic Equity Valuation

S&P 500 Index - Price/Earnings Ratio
(September 30, 2015 to September 30, 2025)



- P/E multiples rose in the quarter, with the S&P 500 forward P/E ratio ending the period at 22.8x. The average forward P/E for the S&P 500 since 1994 is 17.0x.
- The Top 10 stocks in the S&P 500 trade at a forward P/E of 29.9x vs. 19.5x for the remaining stocks in the index. Concentration in the largest stocks grew in 3Q25, with the top 10 stocks in the S&P 500 comprising 40% of the index at the end of the quarter.

International Equity Ownership Breakdown



■ Pension ■ DC Disability ■ State Fund ■ Lubrecht Forest ■ Kyiyo Pow Wow ■ Pension ■ State Fund ■ DC Disability ■ Lubrecht Forest ■ Kyiyo Pow Wow

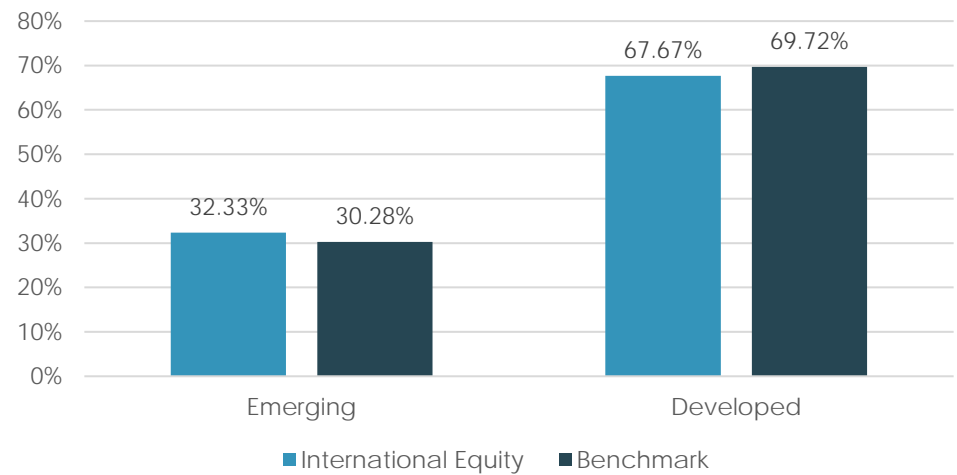
Performance	1 Year	1 Year Benchmark	5 Year	5 Year Benchmark	10 Year	10 Year Benchmark
Pension	16.48%	16.39%	9.63%	10.22%	8.31%	8.24%
State Fund	16.59%	16.45%	10.29%	10.26%	8.25%	8.23%
DC Disability	16.92%	16.45%	10.53%	10.26%	NA	NA
Lubrecht Forest	NA	NA	NA	NA	NA	NA
Kyiyo Pow Wow	NA	NA	NA	NA	NA	NA

- International stocks gave up a little ground to US equities in 3Q25 but have still outperformed US stocks by over 11% YTD.
- Unlike in the US, Value stocks have outperformed this year in non-US equities. International Large and Small Caps have roughly similar returns YTD. Currency has been a strong tailwind, especially in Developed Markets, where currency has boosted returns by 11.5% YTD.

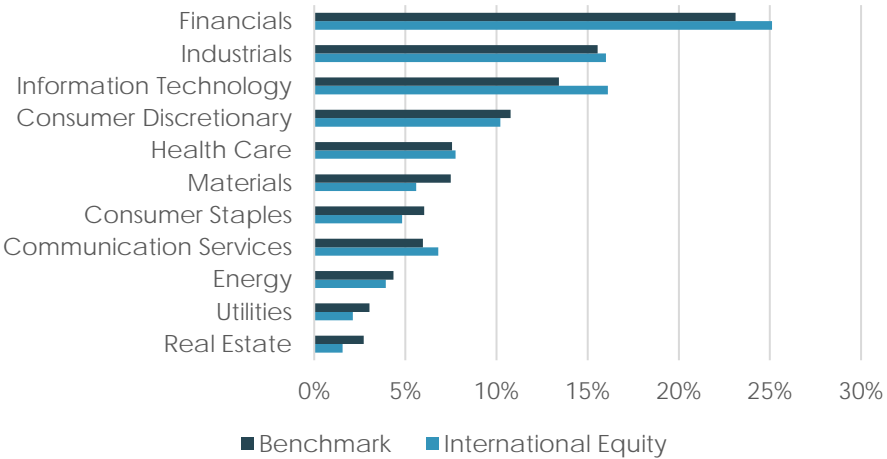
* Dollar values are in \$1,000,000

International Equity Characteristics - Pension

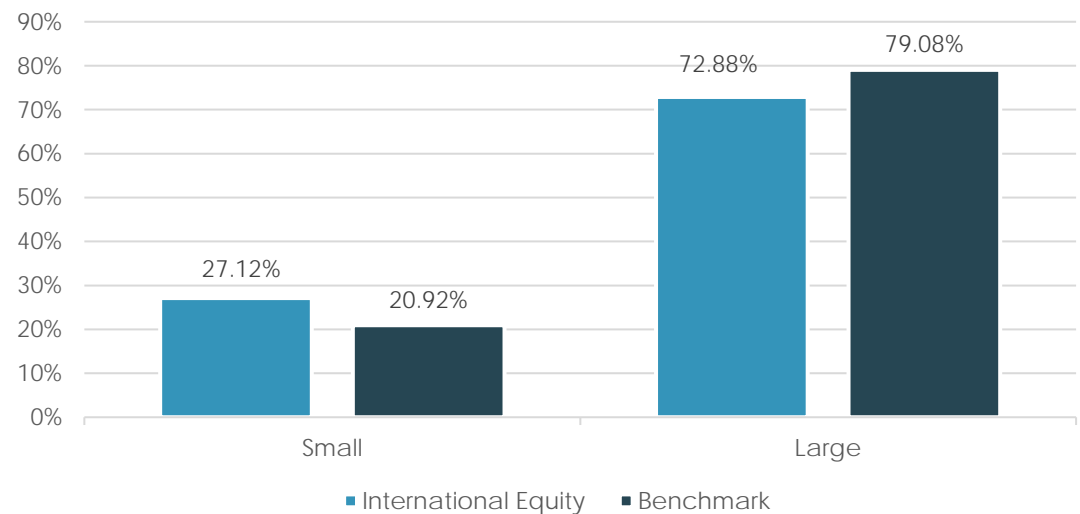
Developed vs. Emerging Markets



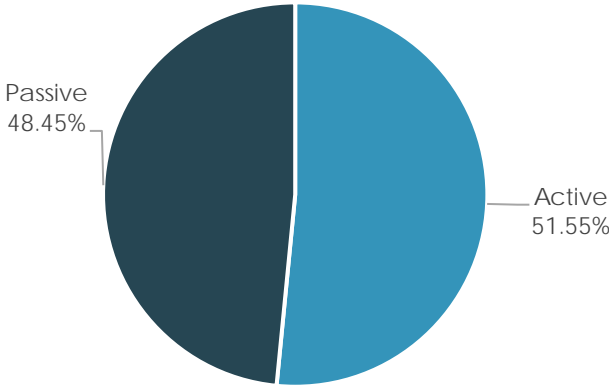
Sector



Market Cap



Active vs. Passive



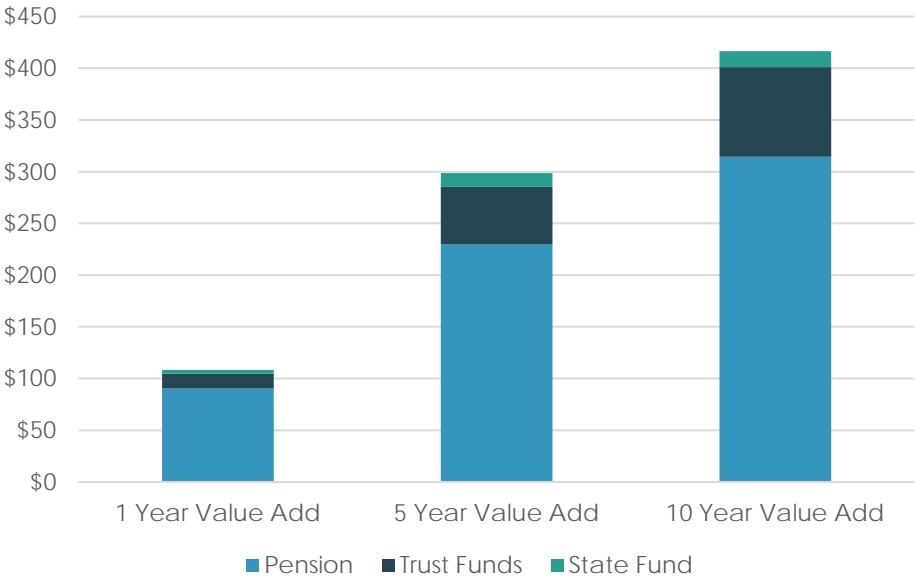
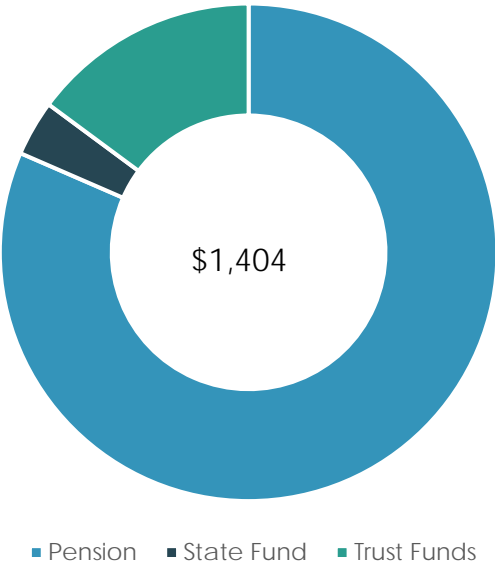
International Equity Valuation

ACWI ex. U.S. Index - Price/Earnings Ratio
(September 30, 2015 to September 30, 2025)



- The forward P/E for the MSCI ACWI ex-US Index was 14.9x at the end of 3Q25, up from 14.3x at the end of 2Q25. The 20-year average for the index is 13.1x.
- The valuation discount for International Equities vs. US stocks narrowed slightly in 3Q25, ending the quarter at a 34% discount.

Non-Core Fixed Income Ownership Breakdown

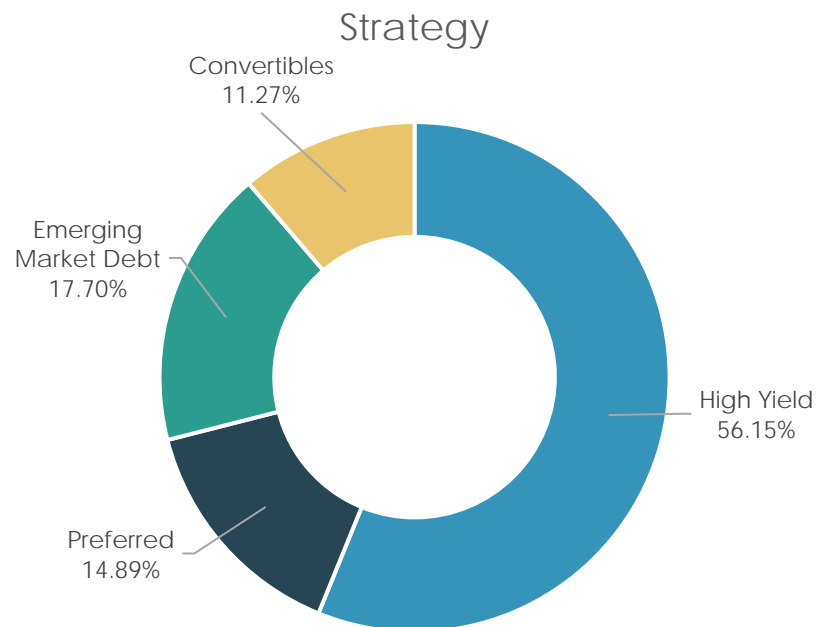
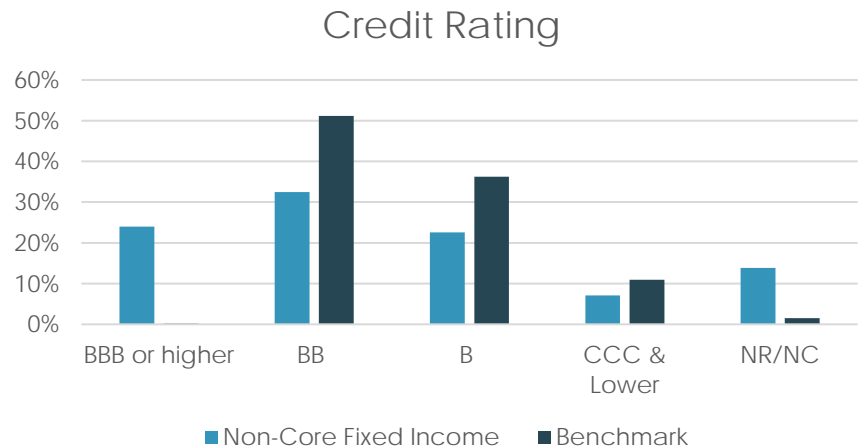
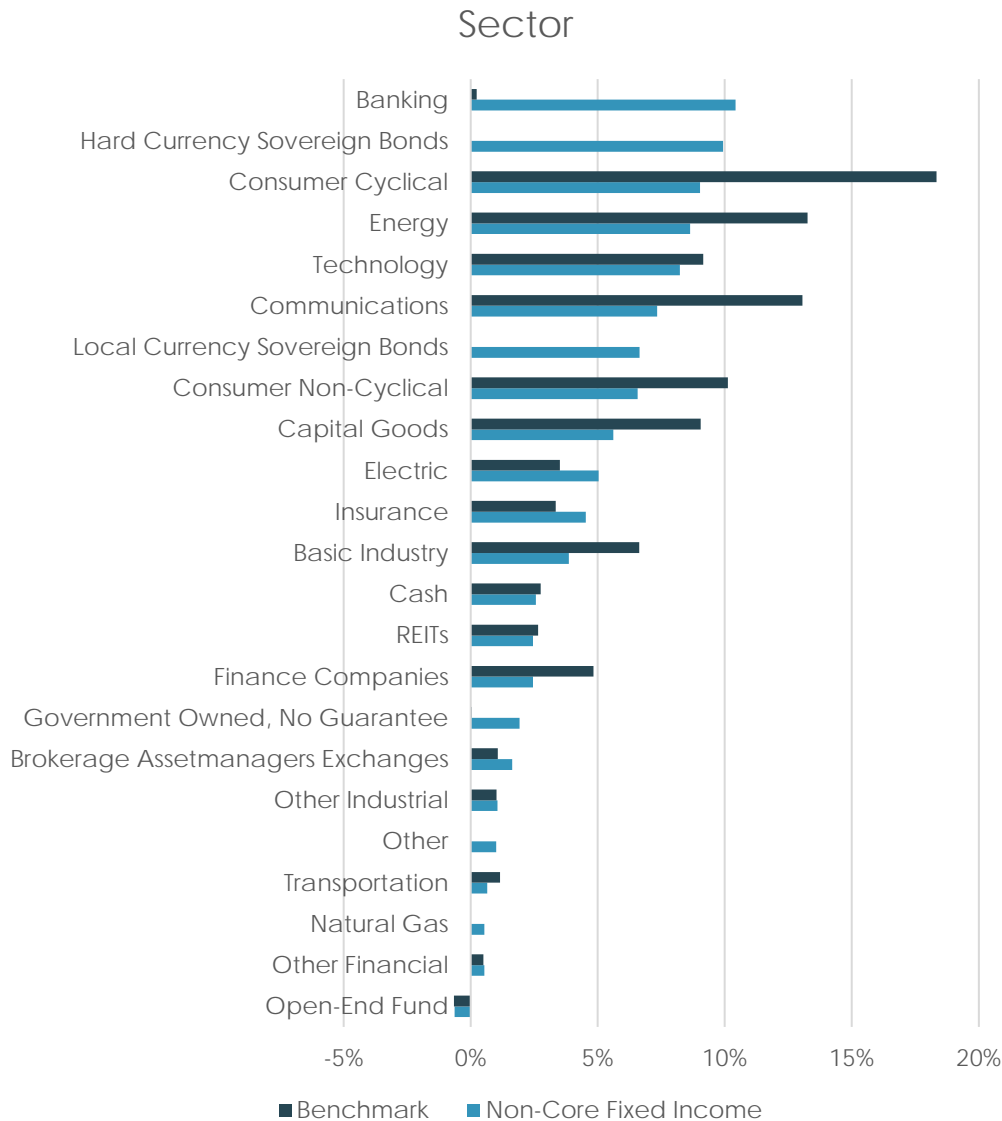


Performance	1 Year	1 Year Benchmark	5 Year	5 Year Benchmark	10 Year	10 Year Benchmark
Pension	8.58%	7.41%	4.75%	5.54%	5.24%	6.16%
State Fund	7.41%	7.41%	4.98%	5.54%	NA	NA
Trust Funds	7.24%	7.41%	5.26%	5.54%	4.96%	6.16%

- Solid absolute and relative returns for the asset class in 3Q25 and over the last year. Convertible Bonds, Emerging Markets Debt, and Preferred Securities all outperformed High Yield Bonds in the quarter.
- Over the last year, Convertibles have had the strongest performance, followed by EMD.

* Dollar values are in \$1,000,000
September 30, 2025

Non-Core Fixed Income Characteristics



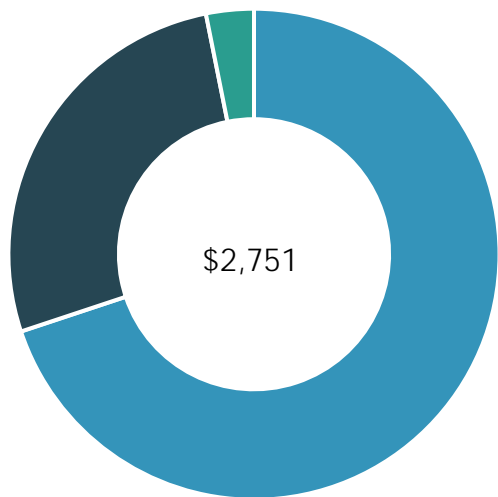
Non-Core Fixed Income Valuation

Bloomberg High Yield Index – Option Adjusted Spread
(September 30, 2005 to September 30, 2025)

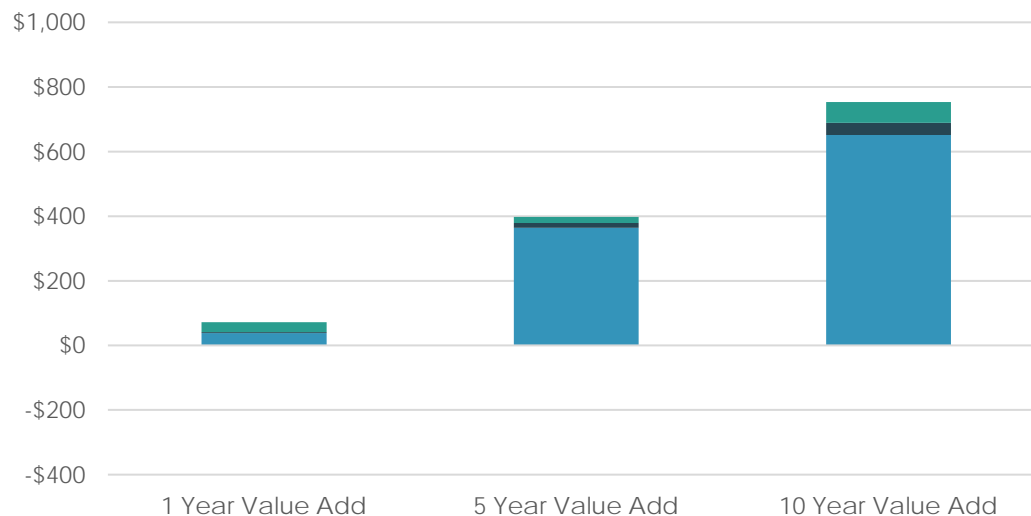


- Spreads have tightened since spiking to over 450 bps in April and ended 3Q25 slightly lower than where they started 2025.
- As spreads continue to compress, absolute yields continue to drop, ending 3Q25 at 6.7%, which is slightly above their lowest levels of the year.

Real Estate Ownership Breakdown



■ Pension ■ Trust Funds ■ State Fund



■ Pension ■ State Fund ■ Trust Funds

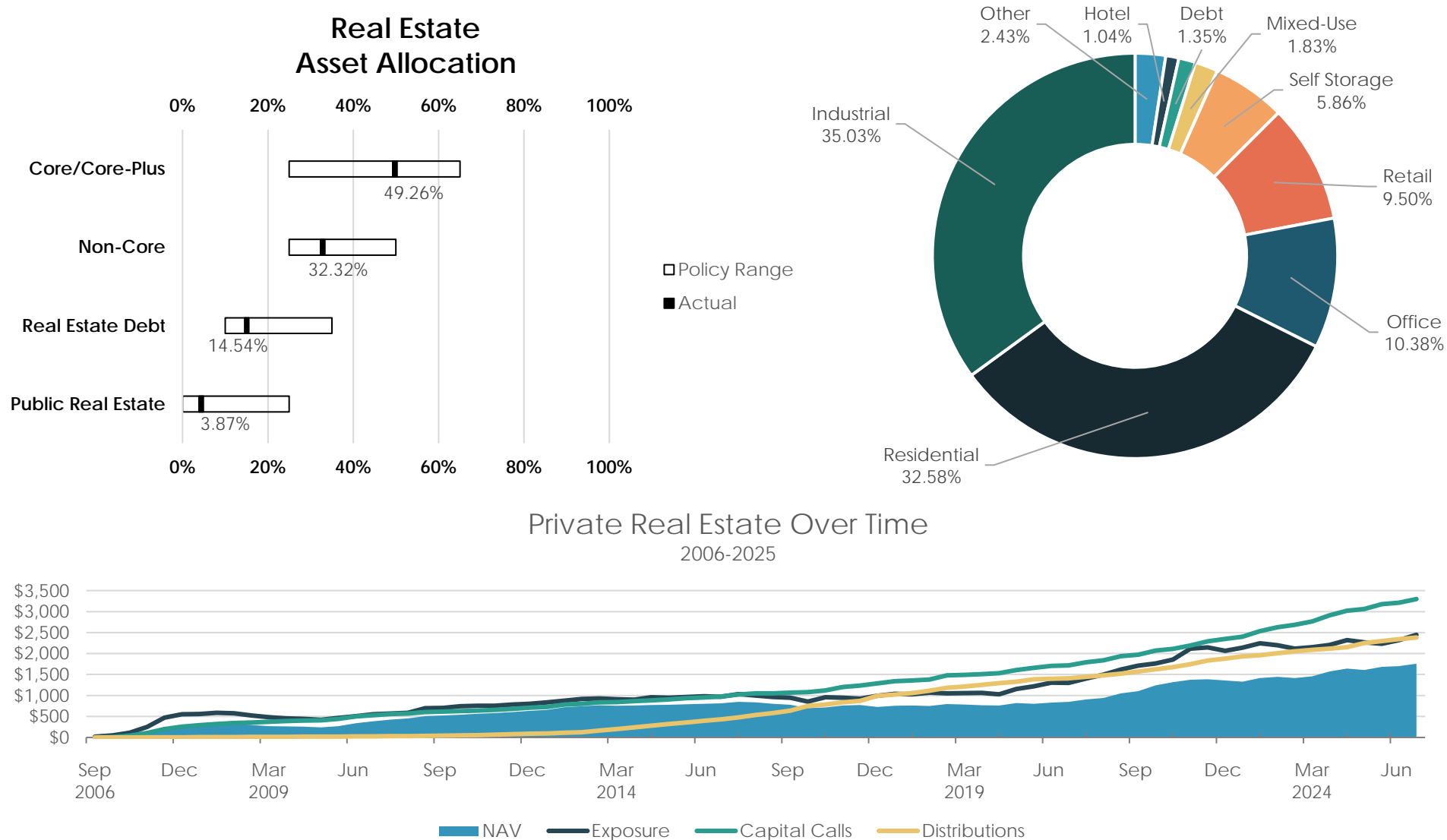
Performance	1 Year	1 Year Benchmark	5 Year	5 Year Benchmark	10 Year	10 Year Benchmark
Pension	2.04%	2.67%	5.27%	2.54%	6.08%	2.69%
State Fund	3.48%	2.67%	2.66%	2.54%	3.83%	4.42%
Trust Funds	5.29%	2.67%	4.69%	2.54%	5.13%	4.42%

- Slow, steady recovery in prices, volatile borrowing costs, flight to quality, few distressed sellers, focus on operational expertise to drive value and net operating income.
- Higher interest rates, slower rent growth, high construction costs are slowing construction starts, leading ultimately to tailwinds for fundamentals going forward, likely materializing in '26.
- Leasing activity up across all property types, fundamentals stabilizing to mixed depending on property type and market location.
- Debt capital remains available, lenders continue to offer borrowers in good standing workout options.

* Dollar values are in \$1,000,000

Real Estate

Characteristics - Pension



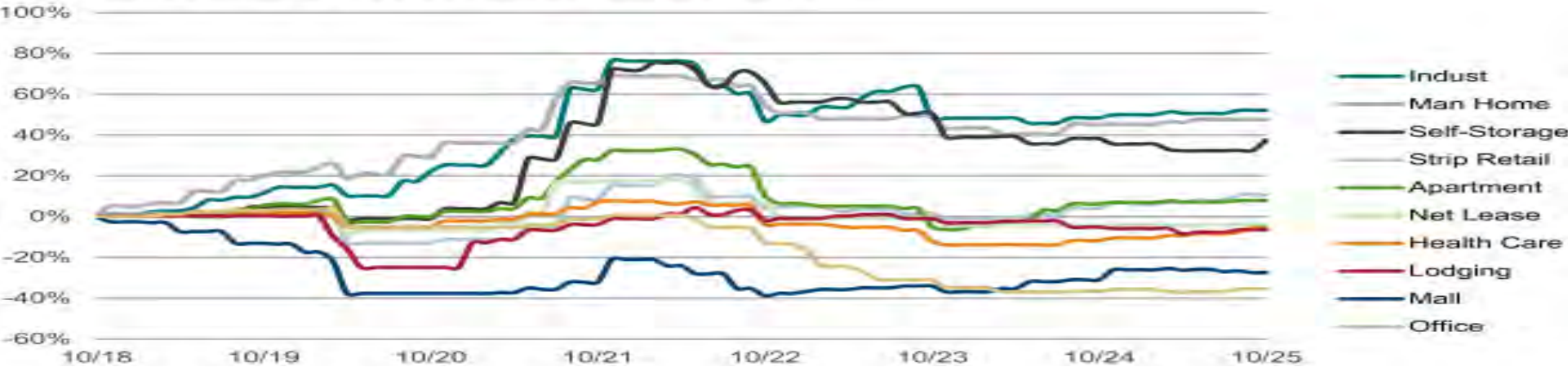
* Dollar values are in \$1,000,000
September 30, 2025

Real Estate Valuation

	Index Value	Change in Commercial Property Values		
		Past Month	Past 12 Mos	From '22 Peak
All Property	129.4	0.2%	3%	-17%
Core Sector	129.4	0.0%	3%	-19%
Apartment	154.6	0.0%	2%	-19%
Industrial	219.1	0.0%	2%	-14%
Mall	89.7	0.0%	5%	-8%
Office	72.7	0.0%	2%	-36%
Strip Retail	121.4	0.0%	6%	-8%
Data Center	113.9	0.0%	5%	-12%
Health Care	123.0	0.0%	7%	-12%
Lodging	101.6	0.0%	-1%	-10%
Manufactured Home Park	283.0	0.0%	2%	-13%
Net Lease	94.5	0.0%	0%	-18%
Self-Storage	245.5	3.8%	-1%	-22%

¹ Green Street Commercial Property Price Index® - November 6, 2025

Cumulative Change in CPPI®: Past Seven Years



- Prices stabilizing, broad based recovery and improvement in pricing over the last 12 months.

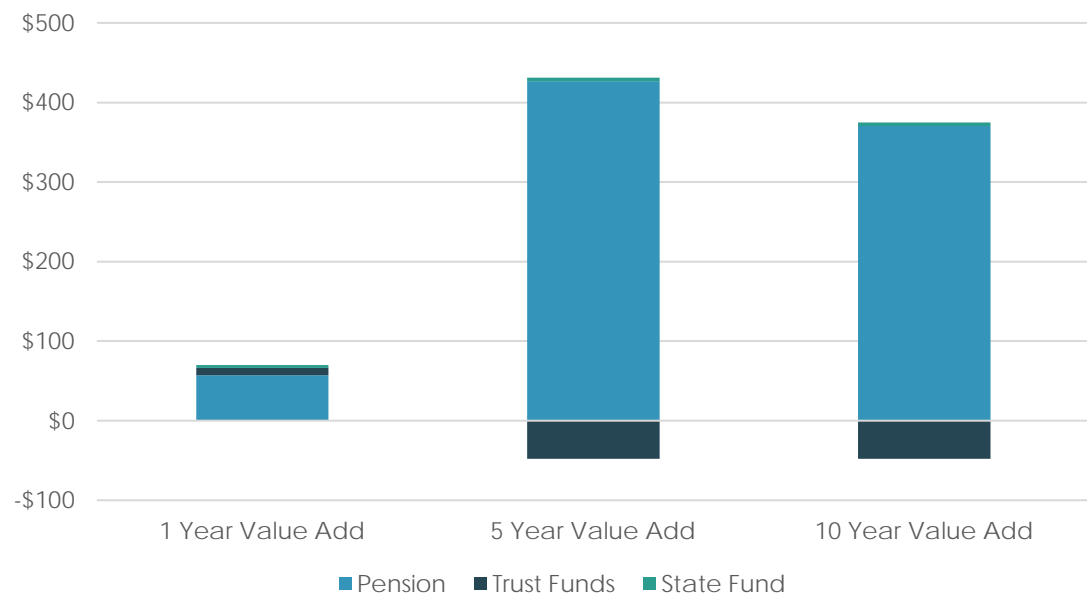
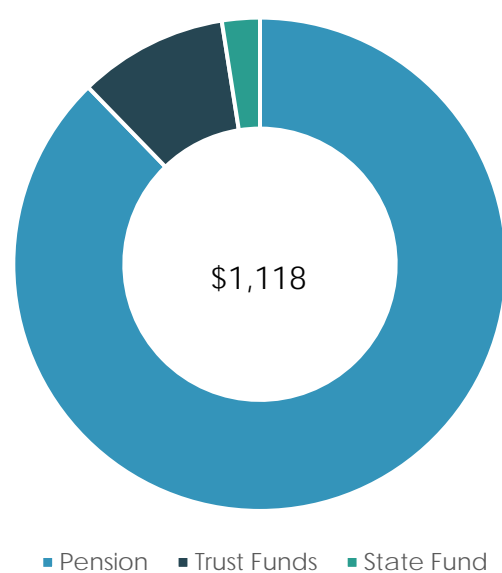
Real Estate

New Commitments

- **Sweet Grass-Equus II, LP - \$100M (CAPP), \$50M (TFIP)**

Real Assets

Ownership Breakdown



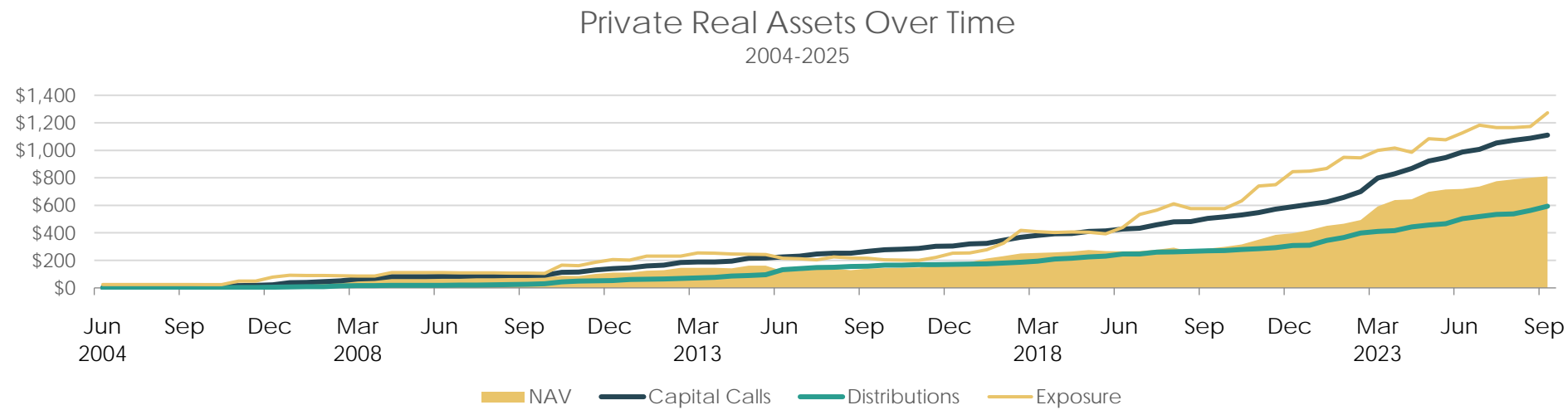
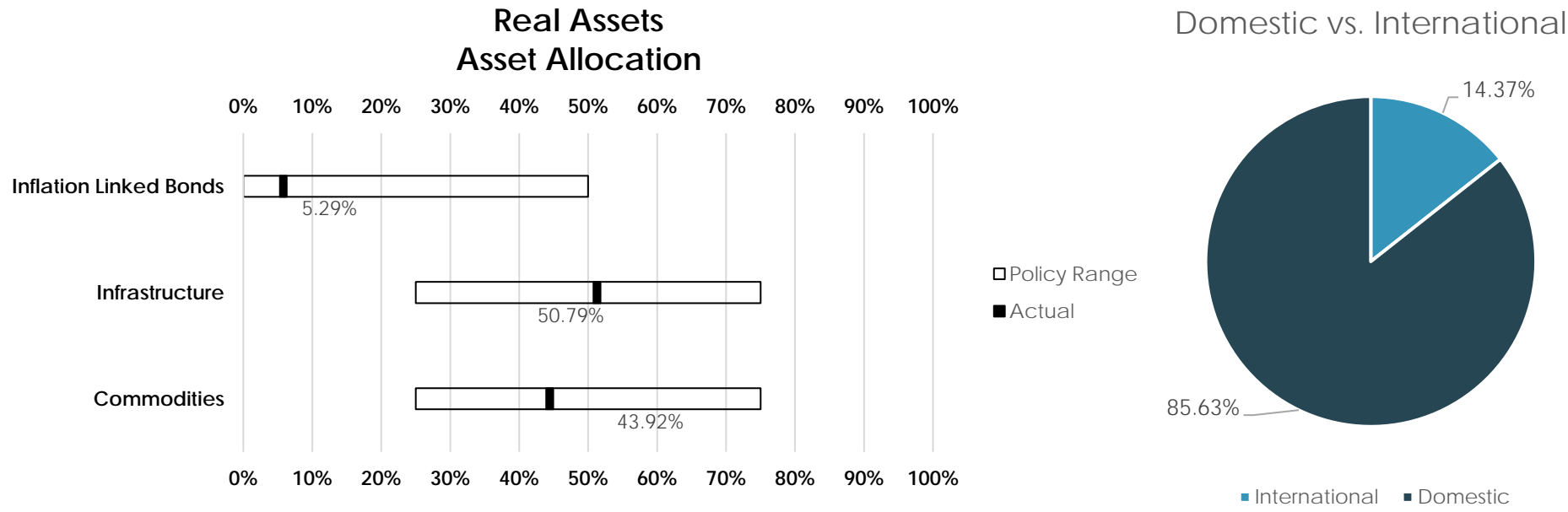
Performance	1 Year	1 Year Benchmark	5 Year	5 Year Benchmark	10 Year	10 Year Benchmark
Pension	6.25%	13.05%	12.87%	13.45%	NA	NA
Trust Funds	9.54%	13.15%	NA	NA	NA	NA
State Fund	13.99%	13.15%	NA	NA	NA	NA

- US oil/gas production at records, oil rig counts down, gas rig counts up, OPEC agrees to output hikes.
- Housing permits and starts both down YoY through August, total construction spending was down slightly in July on a YoY basis.
- Railcar volume dipped slightly in Oct., leasing rates outpacing inflation, utilization remains high.
- Aggregates volume up slightly in 2Q25, pricing remained strong, up 6.4%, easily outpacing inflation.
- PNW and southern timber softened in 3Q25, lumber trending down.

* Dollar values are in \$1,000,000
September 30, 2025

Real Assets

Characteristics - Pension

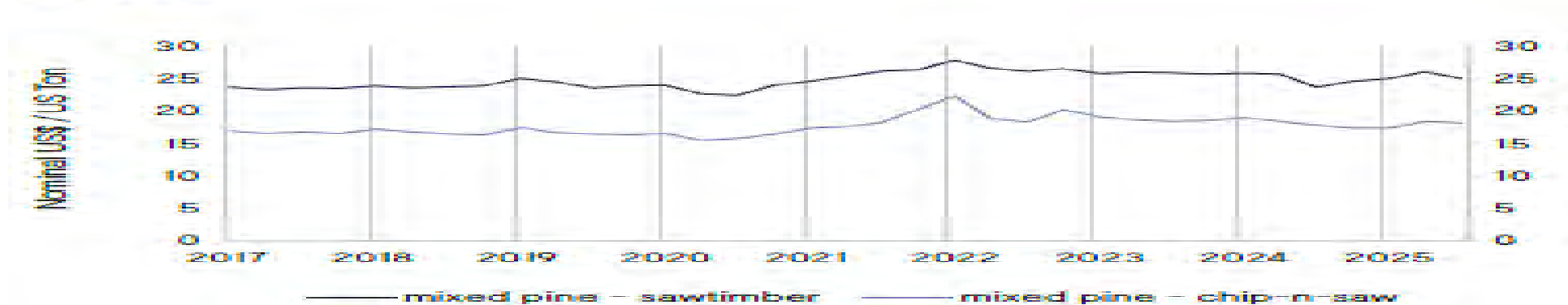


* Dollar values are in \$1,000,000
September 30, 2025

Real Assets Valuation



U.S. South Pine Chip-n-Saw and Sawtimber Prices



Source: TimberMart-South, as of September 30, 2025

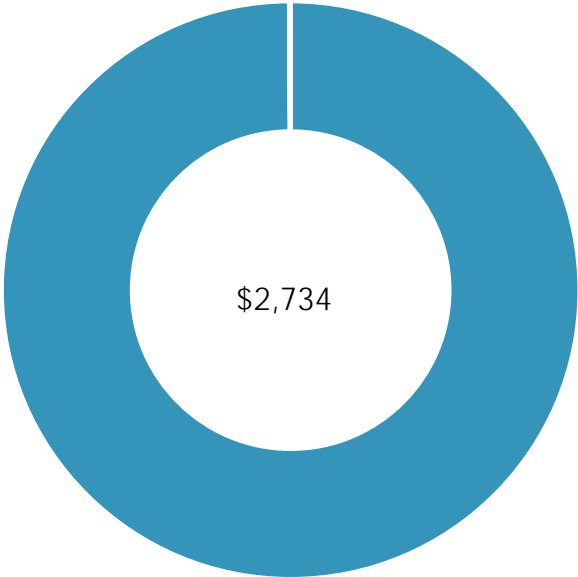
- Oil prices have oscillated in a relatively narrow range of \$60 to \$70 a barrel recently, reflecting both warnings over rising oil supplies as well as concerns about trade wars and geopolitical conflicts.
- Similarly, US South pine chip-n-saw and pine sawtimber prices have also been steady, trading in a narrow range in the last several years.

Real Assets

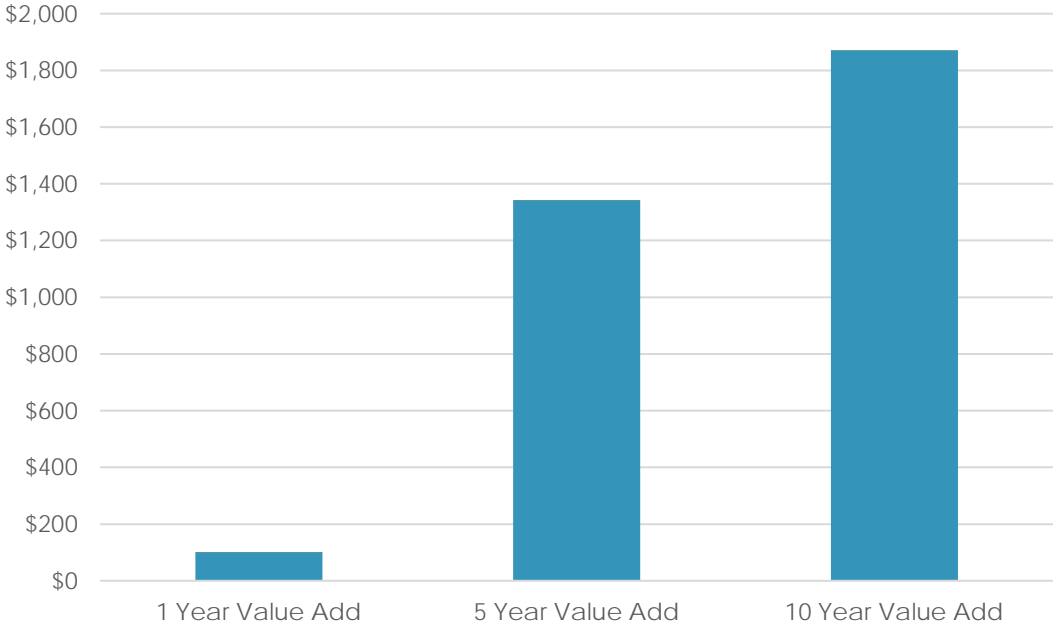
New Commitments FYTD

- CBRE Musselshell Infrastructure Investments, LP - \$100M (CAPP), \$35M (TFIP), 2nd tranche

Private Investments Ownership Breakdown



■ Pension ■ State Fund ■ Trust Funds



■ Pension ■ State Fund ■ Trust Funds

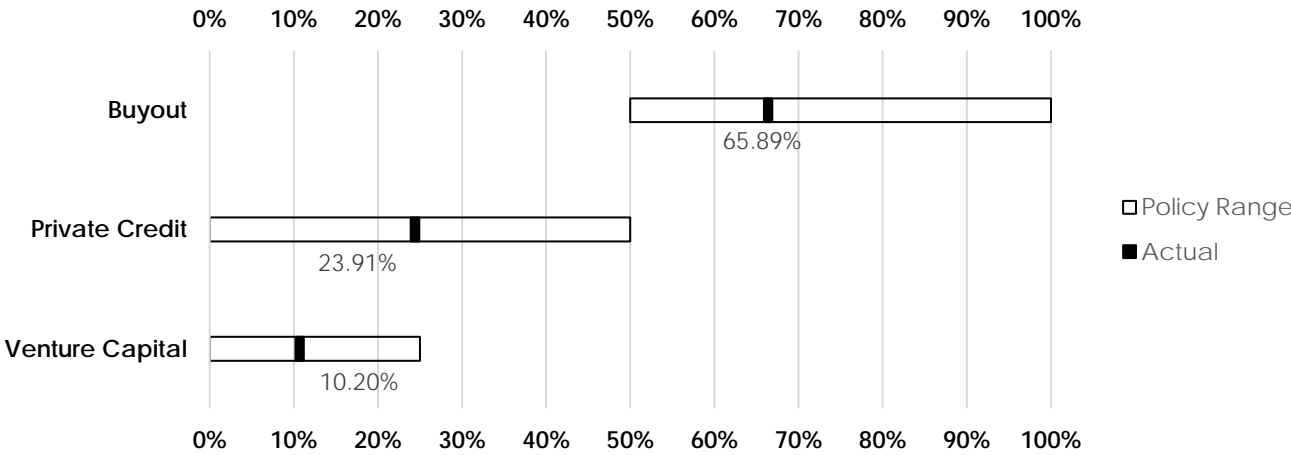
Performance	1 Year	1 Year Benchmark	5 Year	5 Year Benchmark	10 Year	10 Year Benchmark
Pension	4.34%	10.20%	12.74%	13.01%	11.33%	10.14%
State Fund	NA	NA	NA	NA	NA	NA
Trust Funds	NA	NA	NA	NA	NA	NA

- Relative and absolute performance over 1 year remains steady and is within expectations.
- Long-term, the portfolio performs well and continues to outperform over a 10-Year time horizon.

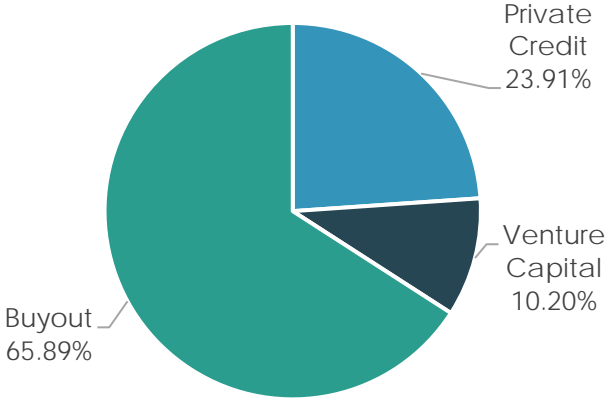
* Dollar values are in \$1,000,000

Private Investments Characteristics

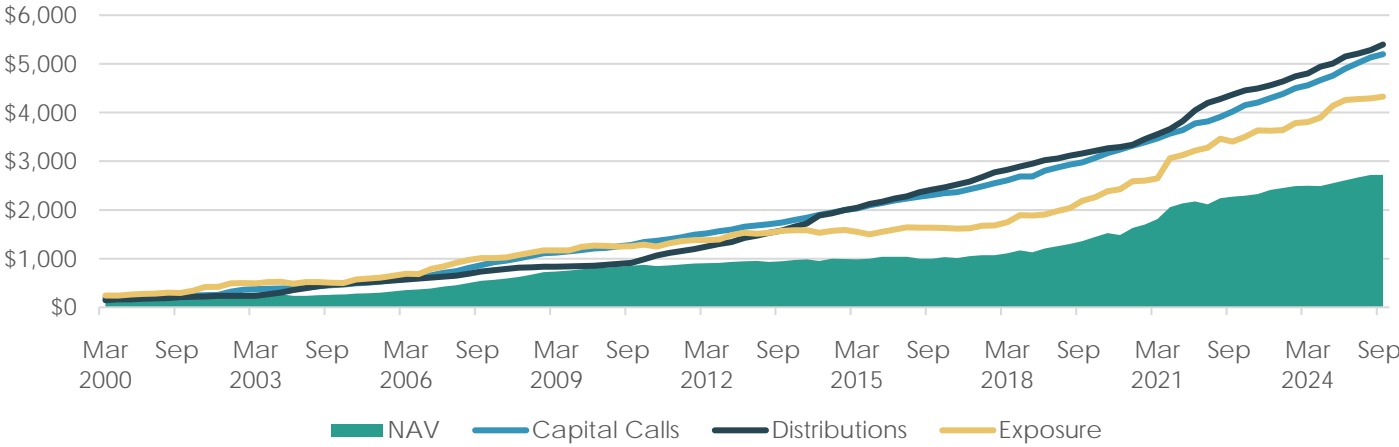
Private Investments
Asset Allocation



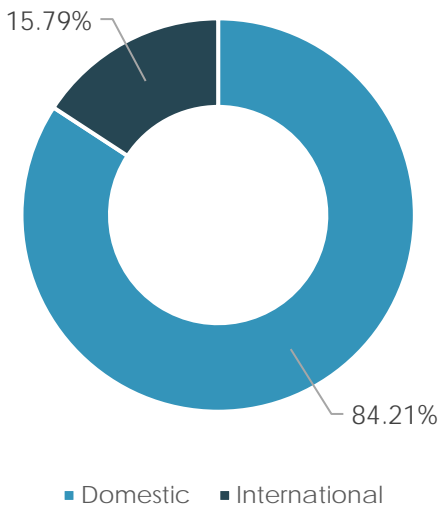
Strategy



Private Investments Over Time
2000 - 2025

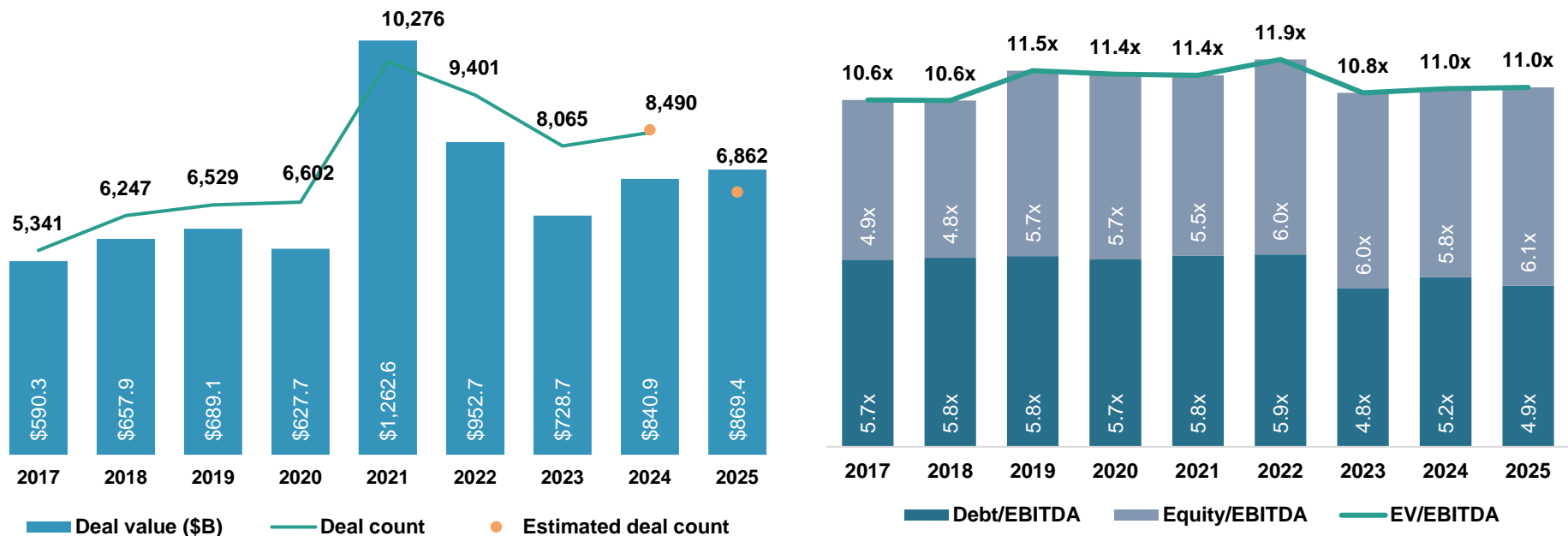


Domestic vs. International



* Dollar values are in \$1,000,000
September 30, 2025

Private Investments Valuation



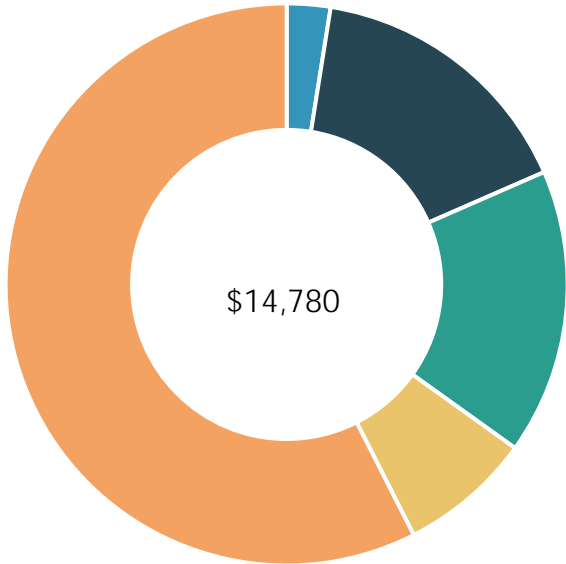
- The uncertainty seen in Q2 created a brief pause in activity, however, the risk-on sentiment of investors has returned to the market. Deal activity increased in Q3 2025, marking both a QoQ uptick and a YoY acceleration pointing to a strong close to 2025.
- High interest rates and the resulting reduction in debt capacity have pressured sponsors to deploy more equity capital to fund their portfolio investments. Leverage (debt/EBITDA), decreased by a full turn (1x) to 4.9x, from the relative peak levels achieved in 2022.

Private Investments

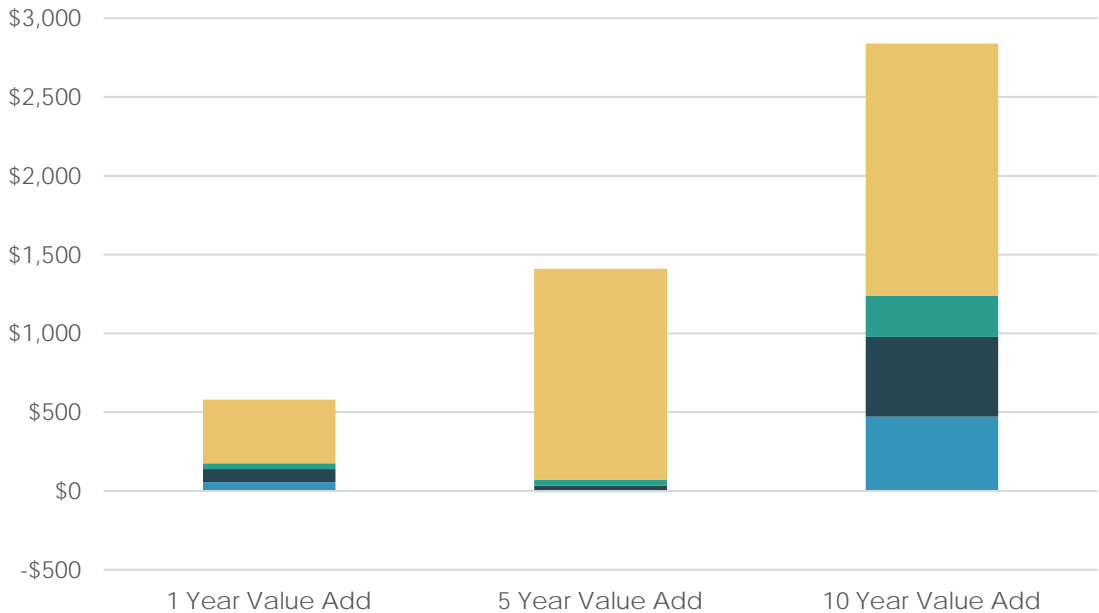
New Commitments FYTD

- Accolade Partners Venture Fund II, LP - \$25M
- Accolade Partners Fund X, LP - \$25M
- Access Capital Emerging Manger Fund I, LP - €50M (~\$58M)
- EQT Healthcare Growth Fund I, LP - \$50M
- Kester Capital Fund IV, LP - £40M (~\$53M)
- FLC Big Horn Investment Fund, LP - \$100M
- CapitalSpring Investment Partners Fund VII, LP - \$50M

Core Fixed Income Ownership Breakdown



■ SMA ■ Pension ■ Trust Funds ■ State Fund ■ STIP



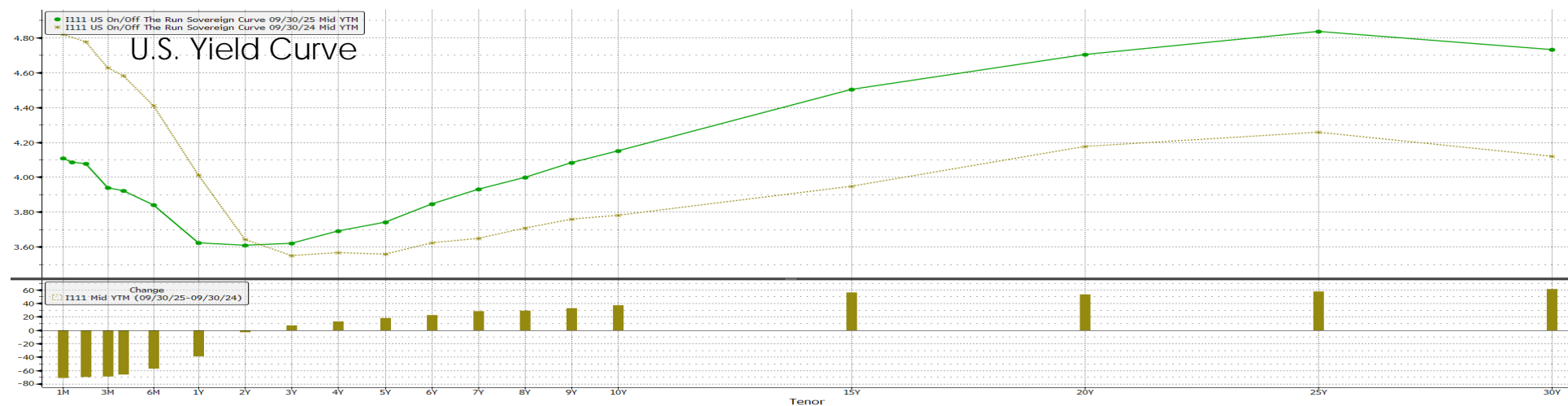
■ Pension ■ Trust Funds ■ State Fund ■ STIP

Performance	1 Year	1 Year Benchmark	5 Year	5 Year Benchmark	10 Year	10 Year Benchmark
Pension	2.65%	2.88%	-0.25%	-0.45%	1.85%	0.78%
Trust Funds	2.69%	2.88%	-0.12%	-0.45%	2.15%	1.84%
State Fund	3.15%	2.88%	0.76%	0.23%	2.19%	1.75%
STIP	4.61%	4.55%	3.12%	3.13%	2.22%	2.18%

- Yields for maturities longer than 3 years increased significantly over the past year.
- The market is pricing in three Fed Funds rate cuts over the next year.
- Significant uncertainty exists on future rates of inflation and Federal Reserve actions.

* Dollar values are in \$1,000,000

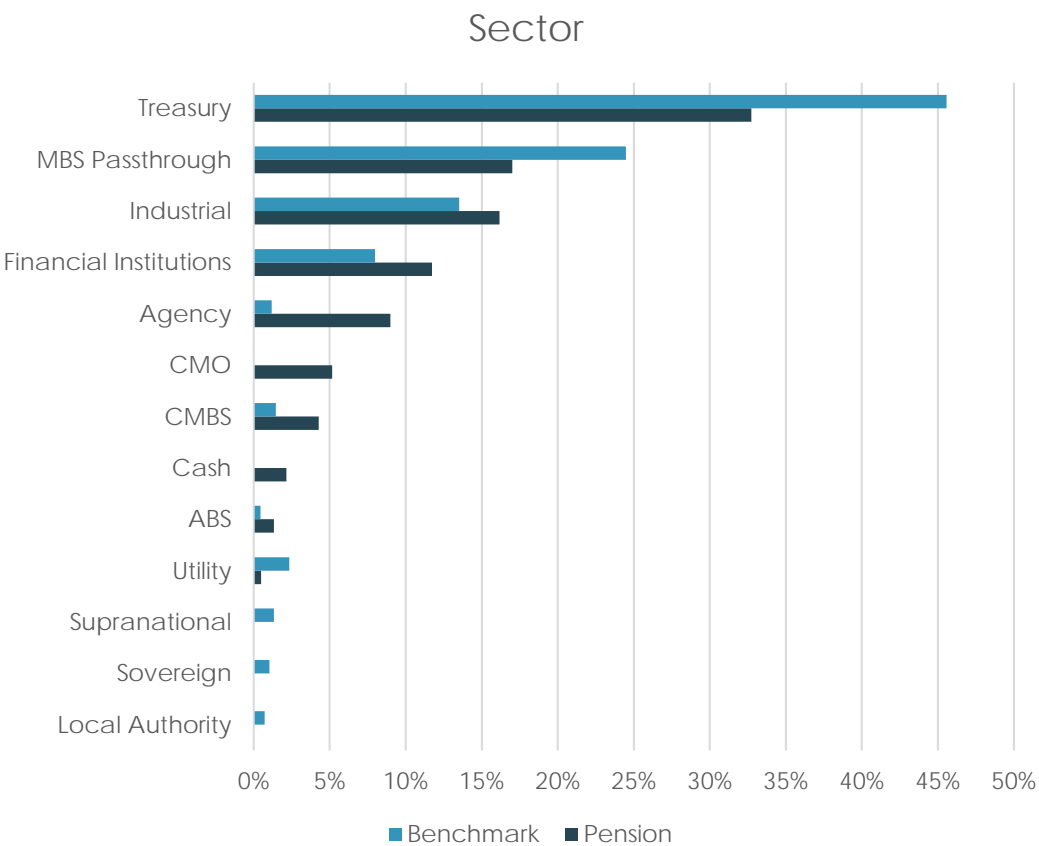
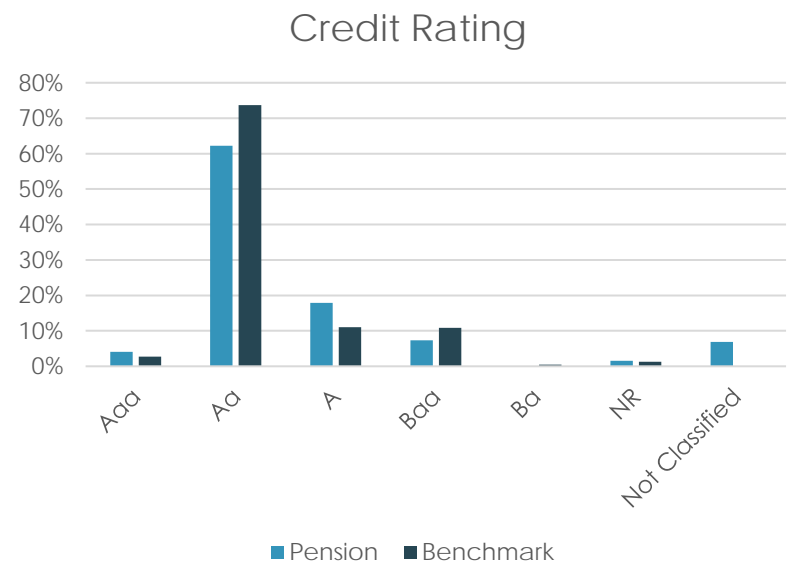
Core Fixed Income Valuation



- Risk premiums remain below historical averages.
- The yield curve steepened significantly over the past year.

Core Fixed Income Characteristics - Pension

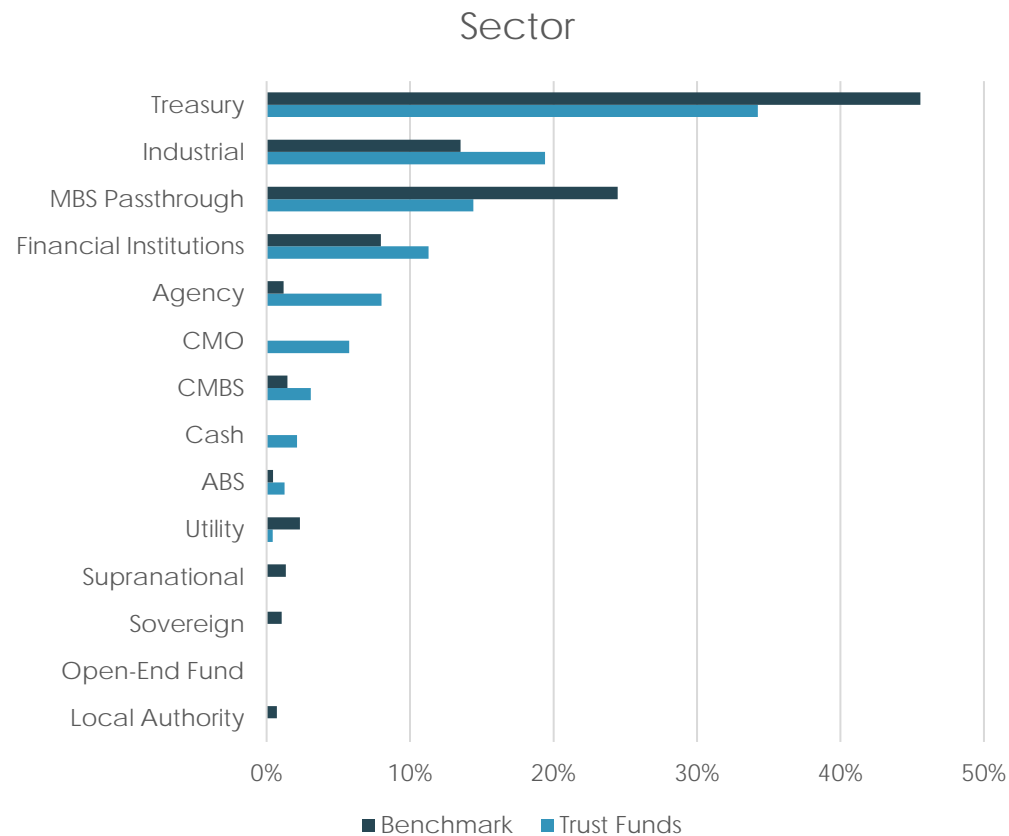
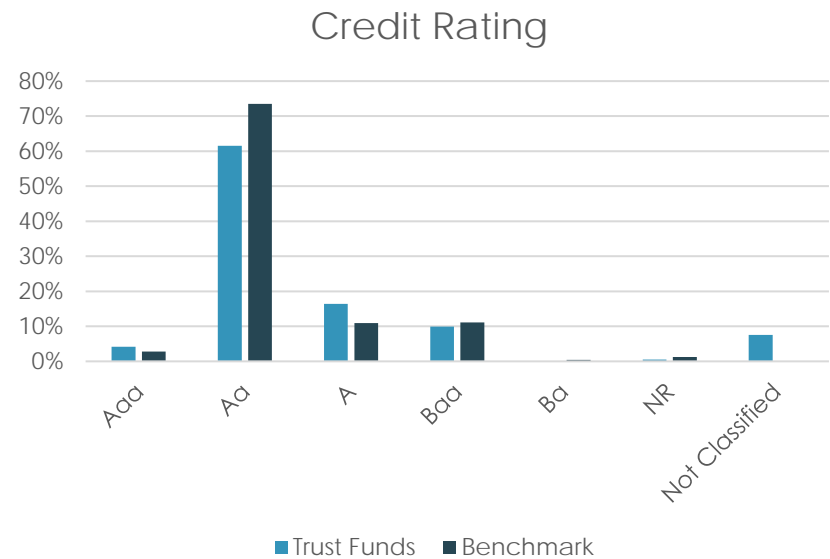
Core Fixed Income				
	Portfolio	Index	Difference	% of Index
Duration (Yrs)	6.47	5.97	0.5	108.38%
Yield to Worst	4.50%	4.37%	0.13%	102.97%
CTD from Corporate	1.23	1.63	-0.4	75.46%



Core Fixed Income

Characteristics – Trust Funds

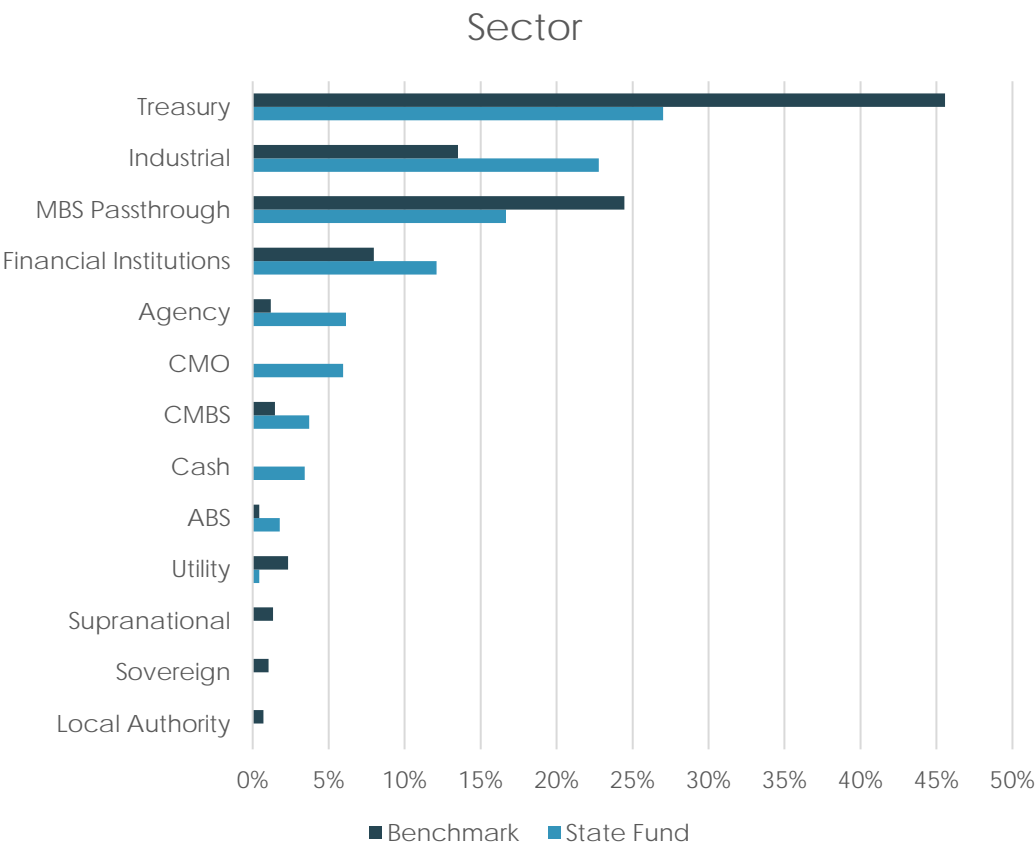
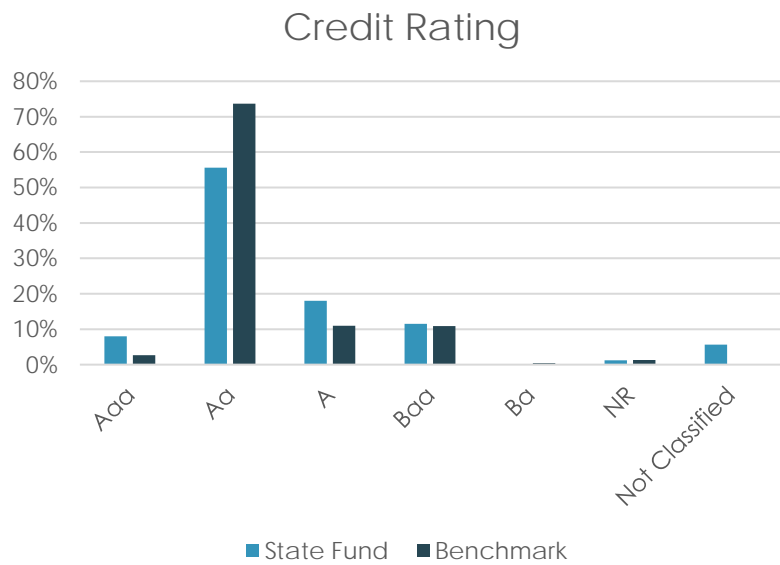
Trust Funds Investment Pool				
	Portfolio	Index	Difference	% of Index
Duration	6.34	5.97	0.37	106.20%
Yield to Worst	4.49%	4.37%	0.12%	102.75%
CTD from Corporate	1.45	1.63	-0.18	88.96%



Core Fixed Income

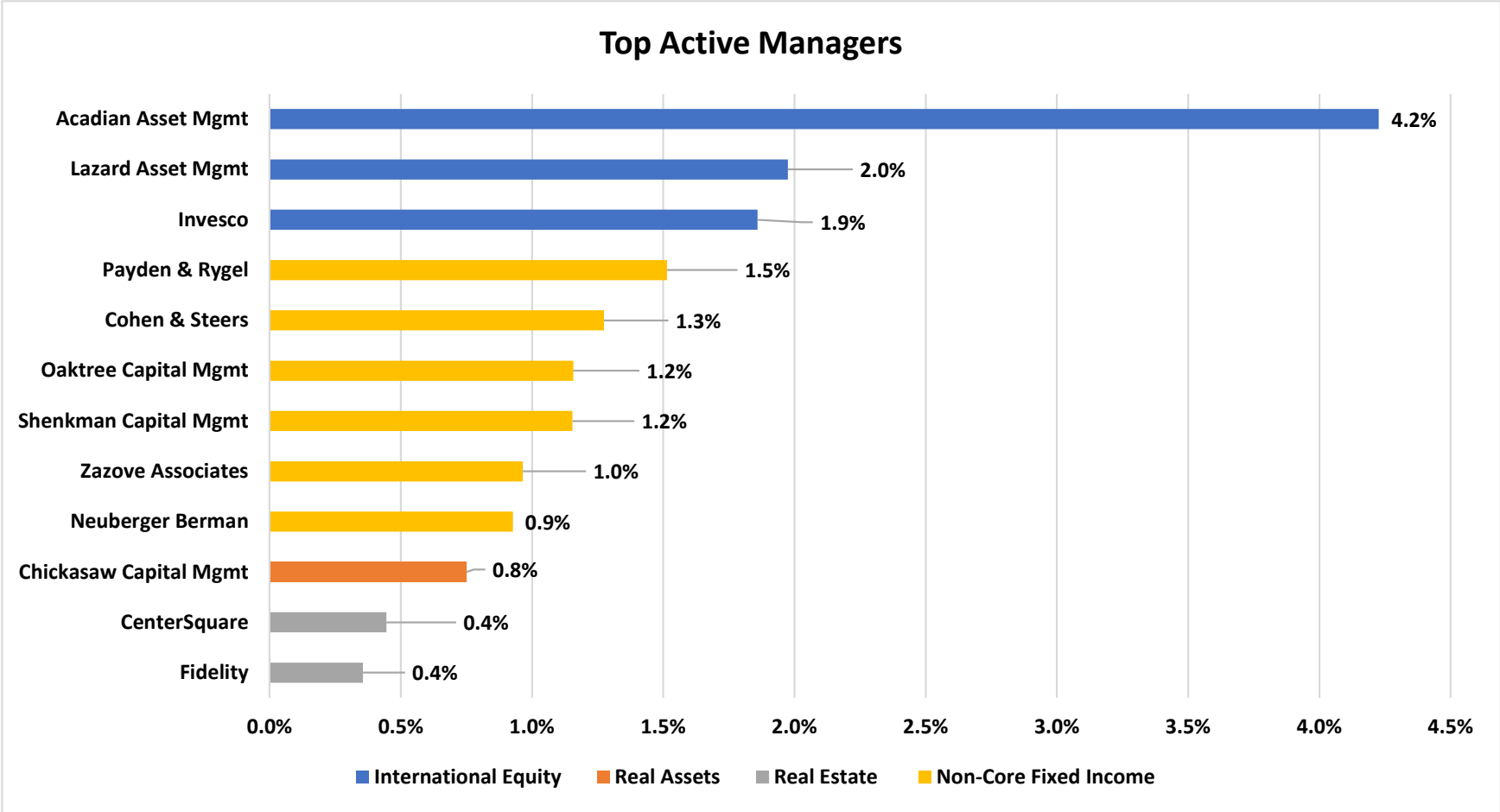
Characteristics – State Fund

State Fund Investment Pool				
	Portfolio	Index	Difference	% of Index
Duration	6.1	5.97	0.13	102.18%
Yield to Worst	4.49%	4.37%	0.12%	102.75%
CTD from Corporate	1.5	1.63	-0.13	92.02%



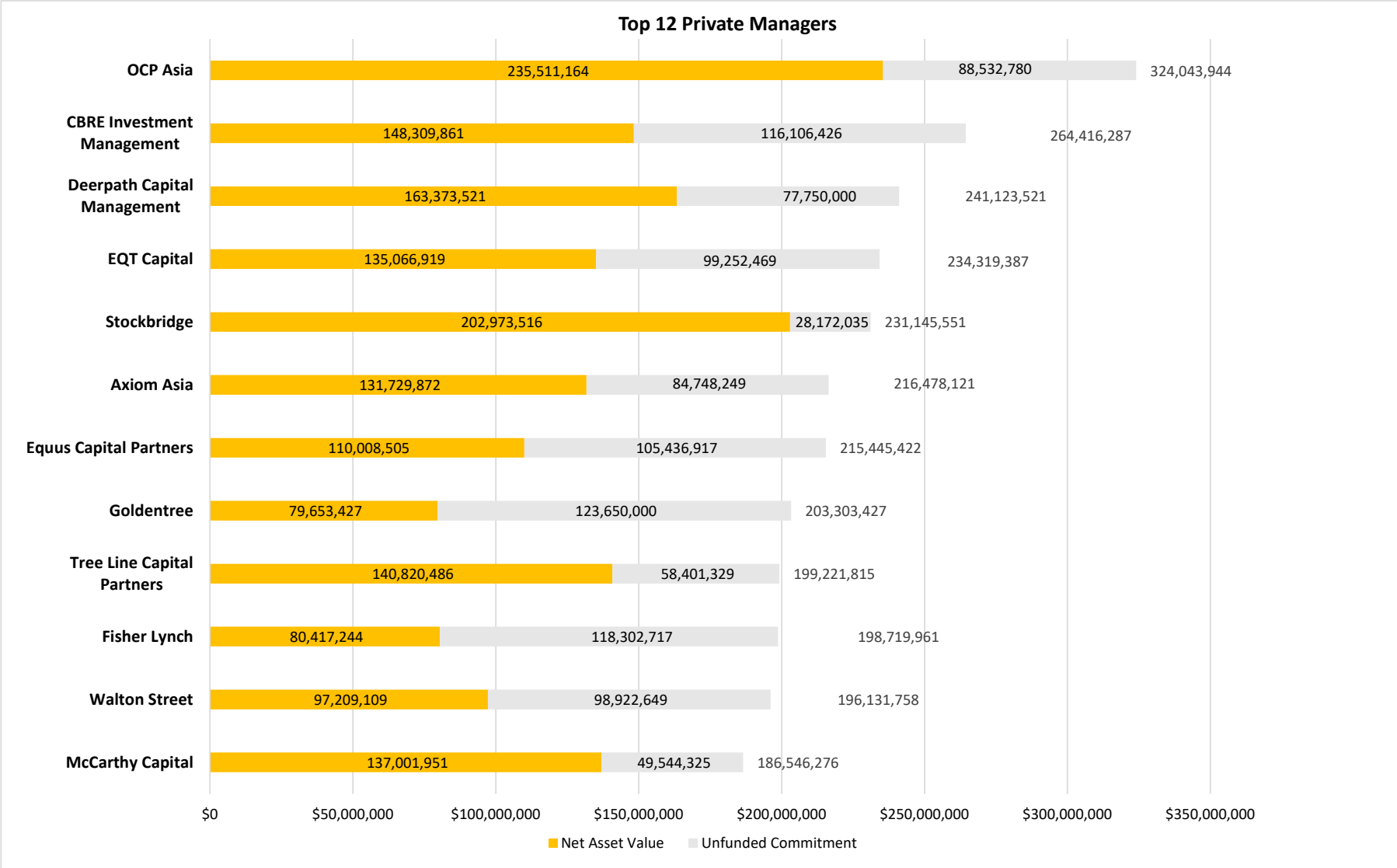
APPENDIX

Risk Management Pension Holdings



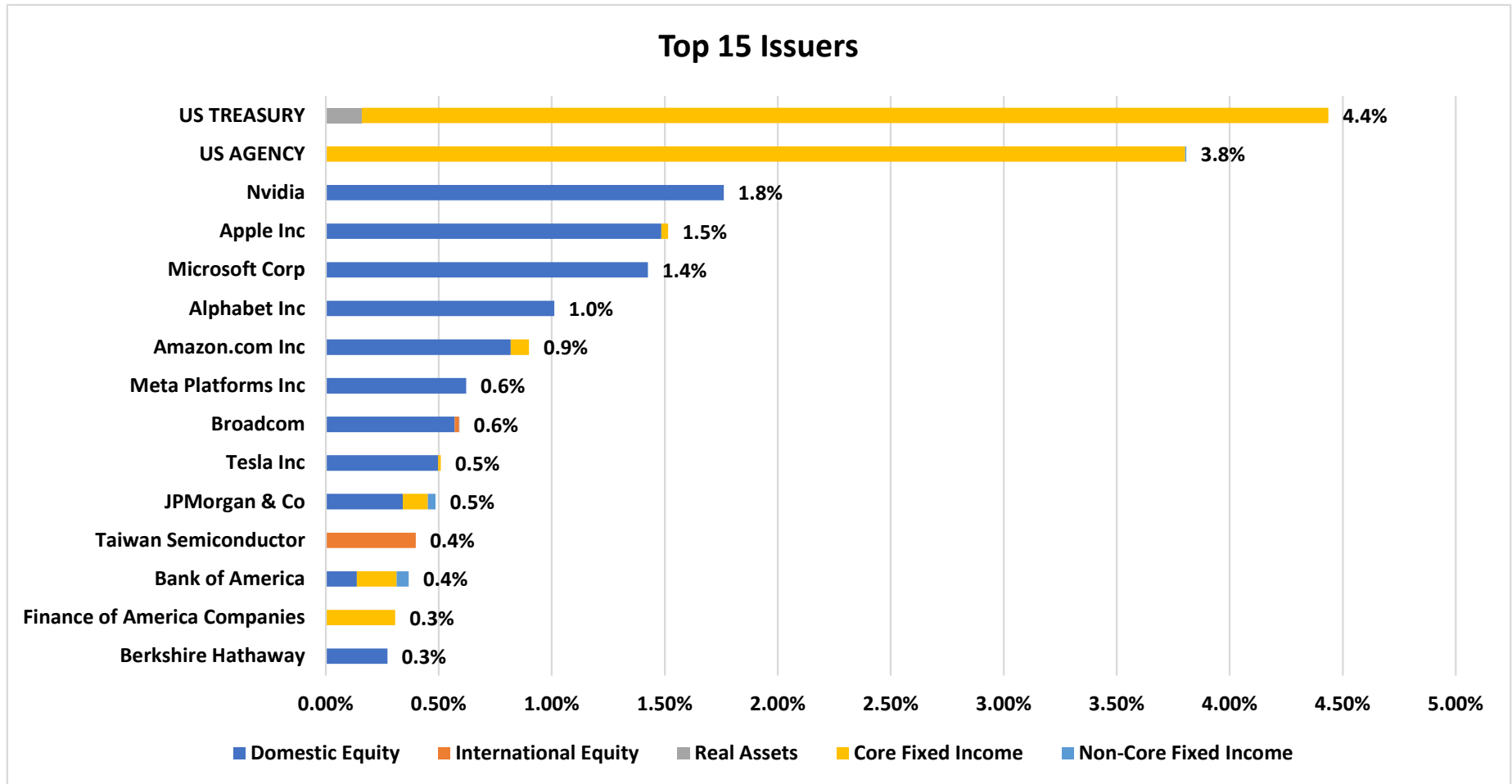
*Montana Public Retirement Plans shall have no greater than 5% of its Net Asset Value managed by any one external manager using an active investment strategy

Risk Management Pension Holdings



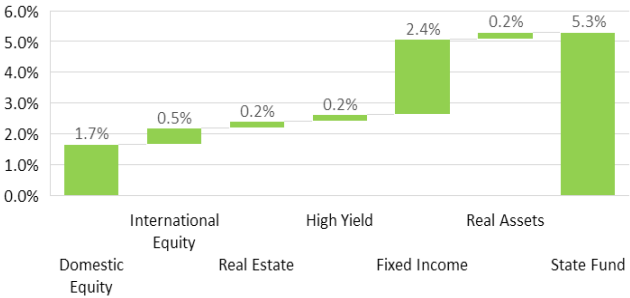
Risk Management

Pension Holdings

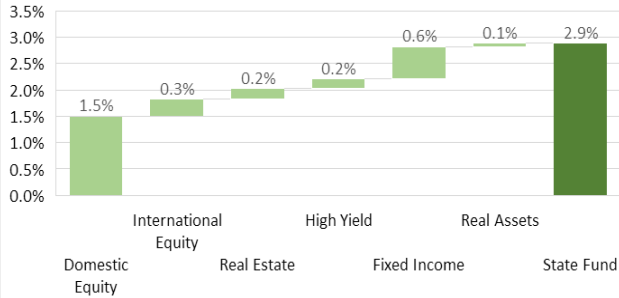


State Fund Performance

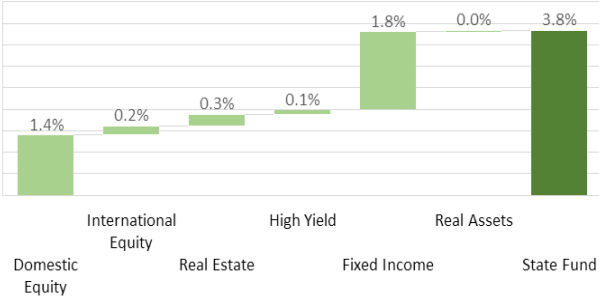
1 Year
Contribution to Total Return



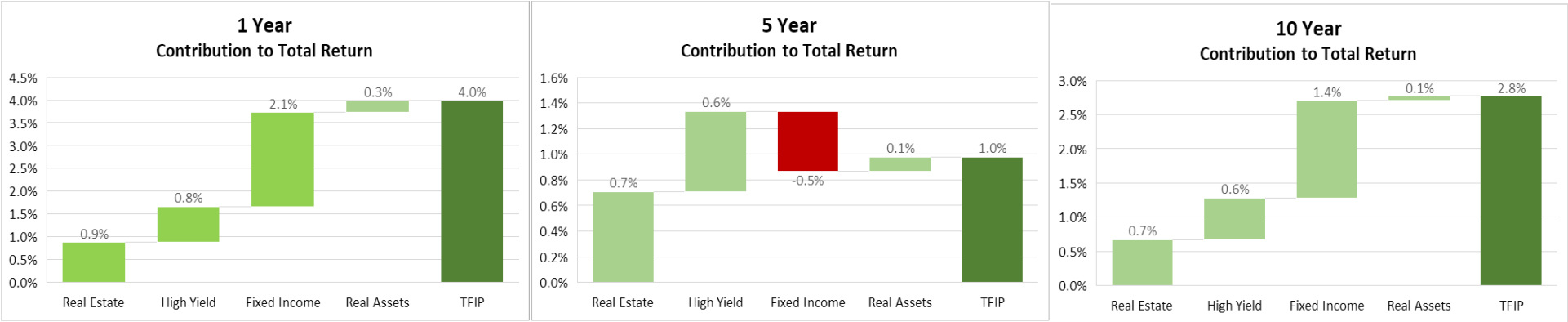
5 Year
Contribution to Total Return



10 Year
Contribution to Total Return



Trust Funds Investment Pool Performance



APPENDIX

2025 Board of Investments Calendar

JANUARY						
S	M	T	W	T	F	S
		1	2	3	4	
5	6	7	8	9	10	11
12	13	14	15	16	17	18
19	20	21	22	23	24	25
26	27	28	29	30	31	

FEBRUARY						
S	M	T	W	T	F	S
						1
2	3	4	5	6	7	8
9	10	11	12	13	14	15
16	17	18	19	20	21	22
23	24	25	26	27	28	

MARCH						
S	M	T	W	T	F	S
						1
2	3	4	5	6	7	8
9	10	11	12	13	14	15
16	17	18	19	20	21	22
23	24	25	26	27	28	29
30	31					

APRIL						
S	M	T	W	T	F	S
	1	2	3	4	5	
6	7	8	9	10	11	12
13	14	15	16	17	18	19
20	21	22	23	24	25	26
27	28	29	30			

MAY						
S	M	T	W	T	F	S
				1	2	3
4	5	6	7	8	9	10
11	12	13	14	15		17
18	19	20	21	22	23	24
25	26	27	28	29	30	31

JUNE						
S	M	T	W	T	F	S
1	2	3	4	5	6	7
8	9	10	11	12	13	14
15	16	17	18	19	20	21
22	23	24	25	26	27	28
29	30					

JULY						
S	M	T	W	T	F	S
	1	2	3	4	5	
6	7	8	9	10	11	12
13	14	15	16	17	18	19
20	21	22	23	24	25	26
27	28	29	30	31		

AUGUST						
S	M	T	W	T	F	S
					1	2
3	4	5	6	7	8	9
10	11	12	13	14	15	16
17	18	19	20	21	22	23
24	25	26	27	28	29	30
31						

SEPTEMBER						
S	M	T	W	T	F	S
	1	2	3	4	5	6
7	8	9	10	11	12	13
14	15	16	17	18	19	20
21	22	23	24	25	26	27
28	29	30				

OCTOBER						
S	M	T	W	T	F	S
		1	2	3	4	
5	6	7	8	9	10	11
12	13	14	15	16	17	18
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2026 Board of Investments Calendar

JANUARY						
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2027 Board of Investments Calendar

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BOI WORK AND EDUCATION PLAN	
2024	2025
February 28-29	Feb 26
Education: Outreach Efforts for the Board - In-State Loan and INTERCAP Programs Short Term Investment Pool	Education: Cash Management of State Monies Custodial Banking Relationship and Continuity
Reports: Ethics Policy Disaster Recovery and Emergency Preparedness Quarterly Reports In-State Loan Reports INTERCAP Reports	Reports: Ethics Policy Disaster Recovery and Emergency Preparedness Quarterly Reports In-State Loan Reports INTERCAP Reports
Committee Meetings: Audit: Financial Audit Report	Committee Meetings: Audit: Financial Compliance Audit Report
April 10	April 23
Education: Domestic Equity Asset Class Review RVK Annual Capital Market Assumptions	Education: International Equities Asset Class Review RVK Annual Capital Market Assumptions
Reports: Benchmarks Used by the Board	Reports: Benchmarks Used by the Board
May 22-23	June 4
Education: MT Buildings (Board as Landord/Tenant Holdings) Investment Policy Statement Review Real Estate Asset Class Review	Education: State Government Customer Relationships Investment Policy Statement Review Real Assets Asset Class Review
Reports: Budget Status FYTD Quarterly Reports In-State Loan Reports INTERCAP Reports	Reports: Budget Status FYTD Quarterly Reports In-State Loan Reports INTERCAP Reports
Committee Meetings: HR: Staffing Level Review HR: Exempt Staff Compensation Review	Committee Meetings: HR: Staffing Level Review HR: Exempt Staff Performance and Compensation Review
August-24	August 20
Education: Core Fixed Income Asset Class Review Budget Proposal for FY24-25 INTERCAP Annual Detail Report	Education: Trust Funds Investment Review Non-Core Fixed Income Asset Class Review INTERCAP Annual Detail Report
Reports: Proxy Voting Budget Status Prior FY Quarterly Reports In-State Loan Reports INTERCAP Reports	Reports: Budget Status Prior FY Quarterly Reports In-State Loan Reports INTERCAP Reports
October 9	October 14
Education: Separate Accounts Investment Review First Reading - Asset Allocation Range Recommendation	Education: Private Investments Asset Class Review First Reading - Asset Allocation Range Recommendation
Reports: CEM, Inc Cost Reporting Analysis	Reports: Securities Lending
Committee Meetings: HR: Exempt Staff Performance Review Audit: SOC I, Type 2 Report	Committee Meetings: HR: Exempt Staff Performance Review Audit: SOC I, Type 2 Report
November 20-21	December 10
Education: 2025 Legislative Session Adoption - Asset Allocation Range Approval	Education: MPERA and TRS Relationship Adoption - Asset Allocation Range Approval
Reports: Securities Litigation Policy 217 LPAC Quarterly Reports In-State Loan Reports INTERCAP Reports	Reports: Securities Litigation Policy 217 LPAC Quarterly Reports In-State Loan Reports INTERCAP Reports
Committee Meetings: Audit: Annual Report and Financial Statements	Committee Meetings: Audit: Annual Report and Financial Statements

BOI WORK AND EDUCATION PLAN	
2026	2027
Wednesday, February 25, 2026	Tuesday, February 23, 2027
Education: Short Term Investment Pool	Education: Board Control Environments
Reports: Outreach Efforts for the Board - In-State Loan and INTERCAP Programs Ethics Policy Disaster Recovery and Emergency Preparedness Budget Status FYTD Quarterly Reports In-State Loan Reports INTERCAP Reports	Reports: Custodial Banking Relationship and Continuity Ethics Policy and Training Disaster Recovery and Emergency Preparedness Budget Status FYTD Quarterly Reports In-State Loan Reports INTERCAP Reports
Committee Meetings: Audit: Financial Audit Reports	Committee Meetings: Audit: Financial Compliance Audit Reports
Wednesday, April 22, 2026 - REMOTE MEETING	Wednesday, April 7, 2027 - REMOTE MEETING
Education: Domestic Equity Asset Class Review RVK Annual Capital Market Assumptions	Education: International Equities Asset Class Review RVK Annual Capital Market Assumptions
Reports: Benchmarks Used by the Board	Reports: Benchmarks Used by the Board
Wednesday, May 20, 2026	Wednesday, June 2, 2027
Education: Investment Policy Statement Review Budget Proposal FY27 Real Estate Asset Class Review	Education: Investment Policy Statement Review Budget Proposal FY28 Real Assets Asset Class Review
Reports: MT Buildings (Board as Landlord/Tenant Holdings) Budget Status FYTD Quarterly Reports In-State Loan Reports INTERCAP Reports	Reports: State Government Customer Relationships Budget Status FYTD Quarterly Reports In-State Loan Reports INTERCAP Reports
Committee Meetings: HR: Staffing Level Review HR: Exempt Staff Compensation Review	Committee Meetings: HR: Staffing Level Review HR: Exempt Staff Performance and Compensation Review
Wednesday, August 26, 2026	Wednesday, August 25, 2027
Education: Core Fixed Income Asset Class Review Budget Proposal for FY 28-29 INTERCAP Annual Detail Report	Education: Trust Funds and Separate Accounts Investment Reviews Non-Core Fixed Income Asset Class Review INTERCAP Annual Detail Report
Reports: Proxy Voting Budget Status Prior FY Quarterly Reports In-State Loan Reports INTERCAP Reports	Reports: Budget Status Prior FY Quarterly Reports In-State Loan Reports INTERCAP Reports
Wednesday, October 21, 2026 - REMOTE MEETING	Wednesday, October 13, 2027 - REMOTE MEETING
Education: Municipal and Commercial Loans Review First Reading - Asset Allocation Range Recommendation	Education: Private Investments Asset Class Review First Reading - Asset Allocation Range Recommendation
Reports: CEM, Inc Cost Reporting Analysis	Reports: Securities Lending
Committee Meetings: HR: Exempt Staff Performance Review Audit: SOC I, Type 2 Report	Committee Meetings: HR: Exempt Staff Performance Review Audit: SOC I, Type 2 Report
Wednesday, December 16, 2026	Wednesday, December 15, 2027
Education: MPERA and TRS Relationship 2027 Legislative Session Adoption - Asset Allocation Range Approval	Education: MPERA and TRS Relationship Adoption - Asset Allocation Range Approval
Reports: Budget Status FYTD Securities Litigation Policy 217 LPAC Quarterly Reports In-State Loan Reports INTERCAP Reports	Reports: Budget Status FYTD Securities Litigation Policy 217 LPAC Quarterly Reports In-State Loan Reports INTERCAP Reports
Committee Meetings: Audit: Annual Report and Financial Statements	Committee Meetings: Audit: Annual Report and Financial Statements

Legislative Fiscal Division

Director
AMY CARLSON

Coal Severance Tax Trust

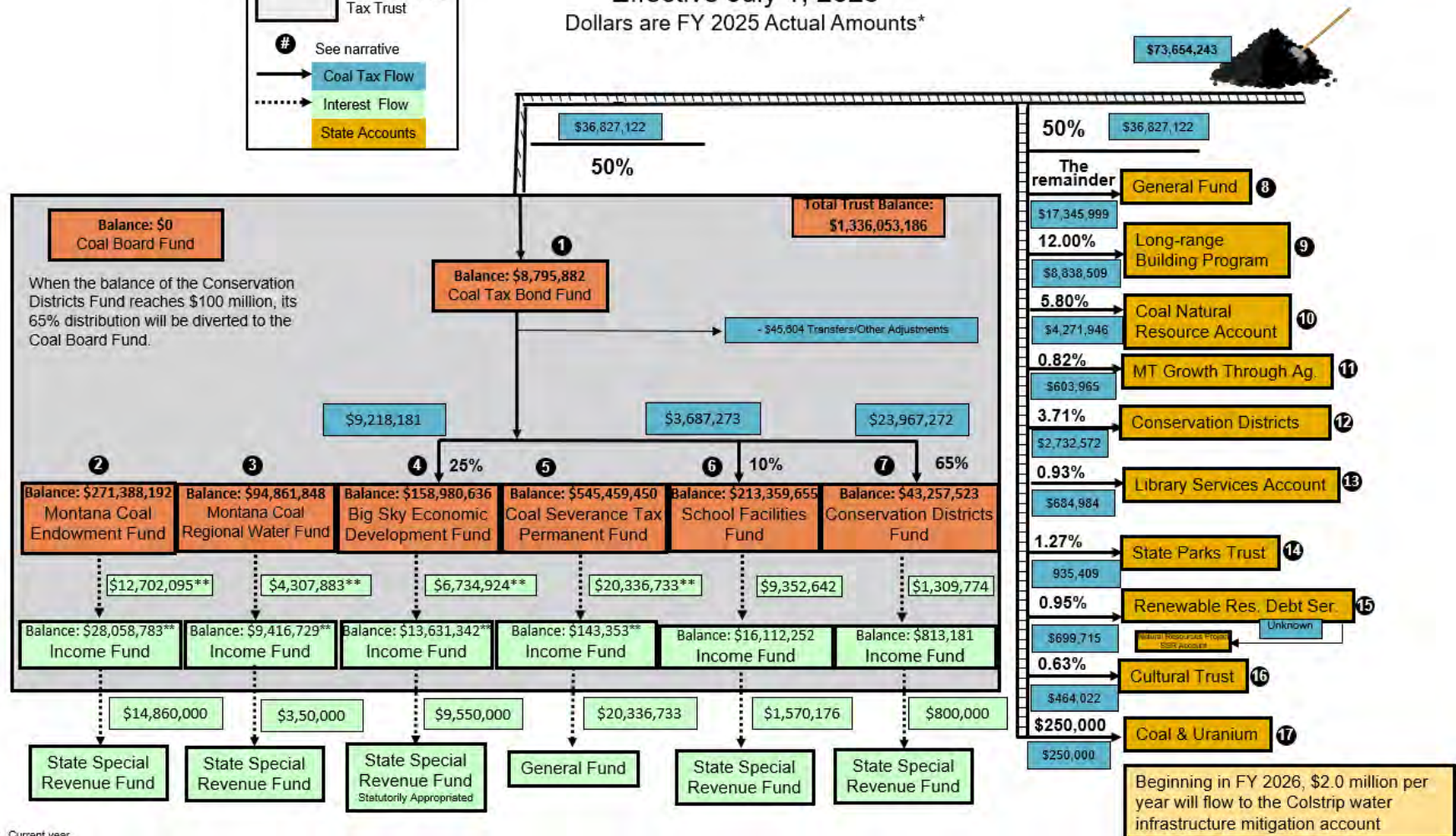
See narrative

→ Coal Tax Flow

..... Interest Flow

State Accounts

Effective July 1, 2025
Dollars are FY 2025 Actual Amounts*



↔ Excludes unrealized investment gains and losses

BOI TERMINOLOGY

ACTIVE MANAGEMENT (typically with respect to stocks)

Investment method which involves hiring a manager to research securities and actively make investment decisions to buy and sell securities in an effort to outperform an assigned index, rather than purchasing a portfolio of securities that would simply replicate the index holdings (*'passive'* investing).

ACTUARIAL ASSUMED RATE (pension concept)

The investment return rate used by actuaries that enables them to project the investment growth of retirement system assets into the future (typically perpetual).

ACTUARIAL FUNDING STATUS (pension concept)

A measurement made by actuaries to measure a pension system's financial soundness (ratio of actuarial liabilities to the actuarial value of the assets available to pay the liabilities).

ALPHA (investment term)

Return on an investment portfolio in excess of the market return or benchmark return; generally used in the context of *'active'* management (as passive management, by definition, does not seek excess returns, or *'alpha'*).

ALTERNATIVE INVESTMENTS

A wide range of investments, other than traditional assets such as publicly traded stocks and bonds. The most common nontraditional or alternative investments are private equity, real estate, commodities, and hedge funds.

ARBITRAGE (bond program)

A structural or systematic difference between investment types which may allow profiting from the *'difference,'* i.e., arbitrage. The most common context for the use of *'arbitrage'* at the BOI is the federal law that prevents *'arbitrage,'* i.e., the profiting of investing tax-exempt securities (e.g., INTERCAP) into taxable yields investments (such as U.S. Treasuries).

ASSET ALLOCATION AND ASSET ALLOCATION RANGE (general investment principle)

The Board's invested assets are divided or allocated into various asset classes such as stocks and bonds, each with its own characteristics, with the objective of attaining an optimal mix of risk and return. The total expected return of a portfolio is primarily determined by the mix or allocation to its underlying assets classes. Given the importance of *'asset allocation,'* the BOI Board sets the asset allocation *'range'* for each broad investment type or asset class.

ASSET-BACKED SECURITY

Bonds or notes backed by loan paper or accounts receivable originated by banks, credit card companies, or other providers of credit. Not mortgages.

AVERAGE LIFE (fixed income, particularly bonds)

The average time period the debt is expected to be outstanding. This is typically the maturity date for a traditional bond structure; however, it will be shorter for bonds having a sinking fund or amortizing payment structure.

BANKER'S ACCEPTANCE

A short-term credit investment which is created by a non-financial firm and whose payment is guaranteed by a bank. Often used in importing and exporting, and as a discount money market fund investment.

BARCLAY'S AGGREGATE INDEX (fixed income)

A composite of outstanding bond issues, including corporate, structured, and government bonds whose overall investment features such as return and investment type are tracked over many years. This is the most common benchmark used for comparing the performance of a portfolio that invests in U.S. investment grade fixed income securities. Formerly known as the Lehman Aggregate bond index.

BASIS POINTS (investment jargon)

A basis point is 1/100th of a percentage. Ten basis points is one tenth of a percent, typically written as 10 bps.

BENCHMARK (standard investment concept)

The concept of employing a particular independent or market investment return as a measurement to judge an investment portfolio's return; typically chosen investment benchmarks have the following attributes: they are investible, quantifiable, chosen in advance, easily understandable, and have a long history; common examples are the S & P 500 Index and the Barclay's Aggregate Index.

BETA (investment jargon)

A measure of the risk (or volatility) of a security or a portfolio in comparison to the market as a whole. If the stock or portfolio moves identically to that market, its beta value is 1; if its price volatility (or movement) is greater than that market's price volatility, it is said to have beta greater than 1.

CAP, AS IN LARGE 'CAP' (generally for stocks, e.g., public equities)

'Cap' is short for capitalization, as a reference to the market value of a publicly-traded company. The current stock price times the total shares outstanding of the company equals its market capitalization or market 'cap'; often used contextually such as 'large-cap,' 'mid-cap,' and 'small-cap' for different sized public companies.

CERTIFICATE OF DEPOSIT (CD):

A short-or medium-term, interest-bearing deposit obligation offered by banks and savings and loans. These may include "Yankee CDs" which are CDs issued by foreign banks or their U.S. affiliates in the U.S. which are denominated in U.S. dollars

CLAWBACK (private equity)

A clause in the agreement between the general partner and the limited partners of a private equity fund. The clawback gives limited partners the right to reclaim a portion of distributions to a general partner for profitable investments based on significant losses from later investments in a portfolio which ultimately resulted in the general partner receiving more distributions than it was legally entitled to.

COMMERCIAL PAPER

An unsecured obligation issued by a corporation or bank to finance its short-term credit needs, such as accounts receivable and inventory. Maturities typically range from two (2) to two hundred seventy (270) days. Commercial paper is available in a wide range of denominations, can be either discounted or interest-bearing, and usually a limited or nonexistent secondary market. Commercial paper is usually issued by companies with high credit ratings, meaning that the investment is almost always relatively low risk.

CORE (context varies for equity, fixed income, real estate)

In equity and fixed income, 'core' refers to investments that are generally always found in the portfolio and normally expect to hold for a very long time e.g. 'core' holdings of the largest U.S. companies, or U.S. treasuries; in real estate, 'core' generally refers to the best quality of real estate holdings such as prime commercial property in major metropolitan cities that have low leverage and low levels of vacancy.

CORPORATE NOTE

A type of unsecured debt issued by a corporation that may be longer-term than Commercial Paper, but shorter-term than a typical Corporate Bond.

CORRELATION (common statistical concept)

A measure of how two or more investment values or two asset classes move relative to each other during the same time period. A central concept in portfolio construction is to seek investments whose values do not move *together* at the same time, i.e., are uncorrelated. A correlation of 1 means that two or more investments 'move' precisely together.

CREDIT ENHANCEMENT (bond program)

At BOI, the term generally refers to credit support or a bond or loan guarantee. For example, the Board's INTERCAP bonds are 'enhanced' by the BOI's performance guarantee bringing down the yearly interest rate.

CUSTOM BENCHMARK (or sometimes custom index)

A way to measure investment performance using a tailor-made measurement versus a generic industry-standard benchmark. At the BOI, total pension performance is measured against the Board's 'custom index' or 'custom benchmark' which is a weighted blend of all the underlying asset class benchmarks used to measure the asset class returns.

DERIVATIVES (investment jargon)

Investment securities whose performance itself depends (or is 'derived') from another underlying investment return. Examples include stock options, puts/calls, and forward currency contracts whose returns are based on the underlying stock or currency.

DEVELOPED MARKETS (equity)

Countries having a long period of stable industrialization; or are the most economically developed.

DISCOUNT (fixed income, generally)

Used most often with respect to bonds, the price paid that is less than face (or 'par') value. A \$1 million face-value of a bond purchased for less than a million is bought at a 'discount.' Described as the difference between a bond's current market price and its face or redemption value.

DIVERSIFICATION (standard investment concept)

The concept of spreading risk by putting assets in several investment categories, each having different attributes with respect to type, expected return, risk, and correlation, to best protect against the risk of loss.

DURATION (bonds)

Almost exclusively used when discussing fixed income bonds, a measurement of how sensitive a bonds' change in price is to a change in general market interest rates, expressed in years (specifically calculated as a weighted average term to maturity of the bond's cash flows). The greater the duration of a bond, the greater the volatility of price for changes in market interest rates.

EFFICIENCY (usually when discussing various stock markets)

Used to describe markets where it is very difficult to achieve return in excess of that of the overall market from individual stock selection. When information is widely available on a company and its securities are traded regularly the market is considered 'efficient.'

EFT (Exchange Traded Fund) - a type of investment fund that trades on a stock exchange like an individual stock. ETFs represent a basket of individual securities that often track the performance of an index. A majority are passively managed and typically have lower management fees and operating expenses compared to mutual funds. However, actively managed ETFs have been a growing product line for investment managers.

EMERGING MARKETS (most often for public equities)

Certain international securities markets that are typically small, new, have low turnover, and are located in countries where below-average income prevails and is developing in response to the spread of capitalism.

ENHANCED (pertaining to stocks)

Generally linked with 'index' as in enhanced index, an indexed investment management style that has been modified to include the portfolio manager's idea of how to outperform the index by omitting some stocks in the index and overweighting others in a limited manner designed to enhance returns but at minimal risk.

EXCESS RETURNS (standard investment concept)

Returns are 'excess' if they are more than the market or more than the benchmark they are measured against.

EXEMPT STAFF VS. CLASSIFIED STAFF (specific to Montana state government)

"Exempt" refers to the Board's eleven employees who, under state law, do not fall under the state's standard employment rules (the 'classified' staff).

FIDUCIARY (from the Latin verb, *fidere*, to trust)

The concept of trust and watchfulness; a fiduciary is charged with the responsibility of investing the money wisely for the beneficiary's benefit. Board members are the ultimate 'fiduciaries' for the Board's assets and are obligated to be a good agent.

FTE (state government jargon)

An acronym in state government: "full time equivalent" as in full time employee. The concept is a slot or position, not the actual individuals. The BOI is currently authorized for 32 FTE's.

FUND OF FUNDS (private equity)

A concept used in alternative investments referring to using an investment manager to invest in **other** managers or funds, as opposed to making direct investments in funds.

GAAP/GASB (accounting terminology)

GAAP...Generally Accepted Accounting Principles; Montana state law uses GAAP accounting principles unless specifically allowed otherwise. GASB...Government Accounting Standards Board, the board that sets GAAP standards for U.S. governments (FASB...Financial Accounting Standards Board, the entity for commercial and business accounting standards).

GENERAL OBLIGATION (municipal finance term)

Used to describe the promise that a government makes to bond holders, backed by taxing and further borrowing power, it is generally considered the highest level of commitment to bondholders. At the local government level, general obligation bonds typically require a vote of the residents.

GENERAL PARTNER VS. LIMITED PARTNER (private equity)

In private equity, the general partner is responsible for the operations of the partnership and makes the actual underlying investment decisions; the limited partner is the investor, and therefore has limited liability for investment decisions; the BOI is the 'limited' partner in its private equity fund investments (and real estate funds as well).

GROWTH (as to style public equities)

An investment style that more heavily invests in companies whose earnings are expected to grow at an above average rate to the market. A growth stock usually does not pay a dividend, as the company would prefer to reinvest retained earnings in capital projects to grow the company (vs. 'value,' which considers buying established companies they feel are trading at bargain prices to the fundamental analysis of the company's financial statements and internal competitive factors).

INDENTURE (bond and loan programs)

The central document describing the contract between investors and the borrower or user of the proceeds. The Board's INTERCAP program is structured around a bond indenture.

HEDGE FUND (as defined by Investopedia)

An aggressively managed portfolio of investments that uses advanced investment strategies such as *leverage*, long, short and *derivative* positions in both domestic and international markets with the goal of generating high returns (either in an absolute sense or over a specified market *benchmark*).

HURDLE RATE (private equity)

a minimum return per annum that must be generated for limited partners of a private equity fund before the general partner can begin receiving a percentage of profits from investments.

INDEX (investment concept)

Typically, a single measure of a broadly-based group of investments that can be used to judge or be compared to the return performance of an individual investment or manager.

INDEXING (investment concept)

Typically refers to investing in a portfolio to match a broad range of investments that are set within a pre-determined grouping, such as the S&P 500, so as to match its performance; such investing is generally labeled 'passive' or indexed investing; or buying shares in an Index Fund.

IN-STATE LOAN PROGRAM (Montana-specific)

Programs that are funded by the state's coal severance tax monies.

INTERNAL SERVICE VS. ENTERPRISE FUND (state accounting concept)

Within Montana state government: a program whose funding is dependent on **mandatory participation** by another state government program is labeled an 'internal' service fund; a program whose funding is dependent on voluntary participation is labeled an enterprise fund. At BOI, the investment program is an internal service fund because participation is not voluntary; the Board's bond and loan programs, because their use is voluntary, are accounted for as an enterprise.

INVESTMENT GRADE (bonds)

Bond ratings from Moody's, Standard and Poor's, and Fitch high enough to be considered secure enough for most investors (bonds rated AAA – BBB). Below investment-grade bonds (below BBB) are generally considered to have a more speculative outlook and carry more risk of default.

IRR (private equity)

A measure of investment performance, short for 'internal rate of return,' expressed as a percentage (the 'internal rate of return' number, or discount rate) that mathematically will equalize the total future cash flows of an investment to the initial cash outflow of the investment, the concept accounts for the time value of money.

LEVERAGE (investment concept)

As an investment concept, a way to increase a return on an investment through a combination of one's own money and by borrowing additional money to enhance such an investment; high 'leverage' is also associated with high risk.

LINK DEPOSIT

The Link Deposit program can provide a financial institution a long-term fixed rate funding source "linked" to a specific loan. The State of Montana provides the financial institution funding in the form of a deposit through the Montana Board of Investments using coal tax funds.

MASTER LIMITED PARTNERSHIP

An investment structure that combines the tax benefits of a limited partnership with the liquidity of a common stock. While an MLP has a partnership structure, it issues shares that trade on an exchange like common stock. MLPs are often broadly associated with energy companies operating in midstream services.

MEAN VARIANCE OPTIMIZATION MODEL ('Modern Portfolio Theory')

A theory that it is possible to construct a portfolio to maximize the return for the least amount of risk or volatility. This theory is based on various asset types and their level of expected return, risk (volatility) and their correlation with each other or how the asset values move with each other. The central idea of the model is to blend investments so that in total, they provide both the best expected return and optimal amount of diversification to minimize deep performance swings (volatility); a central tenant is that long term historical returns are indicative of future returns.

MEZZANINE FINANCE (private equity)

Subordinated debt with an equity 'kicker' or ability to share in the equity value of the company. It is typically lower quality because it is generally subordinated to debt provided by senior lenders such as banks, thus is considered higher risk.

MULTIPLE (as in "multiple" of invested capital, private equity)

The ratio of total cash returned over the life of the investment plus the investment's residual value over the total cash expended in making the investment. A multiple of 2 means, regardless of the total investment time period, that total cash returned was twice the cash invested.

130/30 STRATEGY (public equities)

Also called 'partial long short,' this strategy involves the establishment of a short position in select stocks while taking the proceeds of those shorts and buying additional long positions in stocks. The net effect is an overall market position that is 100% long, but the active decisions on individual stock selections are amplified by this ability to short. If the stock selections are successful, the strategy enables the portfolio to profit more than if a stock had simply not been owned, as with traditional long-only portfolios.

OPPORTUNISTIC (real estate)

In real estate, a euphemism for the most risky real estate investments, typically distressed, raw land, newly developed buildings or other high risk investments in the real estate sector, (versus, 'core,' which are the best quality fully leased commercial properties).

OVERWEIGHT OR UNDERWEIGHT (investment concept)

Generally, the level of holdings of a certain type of investment that is above or below either a benchmark's weight (portion of total investment), or the percentage held of a particular asset class compared to the Board's asset allocation policy weight. Also used to describe an external investment manager's decision to have more (or less) of a particular investment than the percentage or weighting found in the benchmark.

P/E RATIO (equity)

The price of a publicly traded stock divided by its estimated or actual earnings is the price/earnings or P/E ratio. This can also be calculated for a stock index or portfolio of stocks. Over the last 100 years, the S&P 500 has had an overall P/E ratio of about 15, or a total index price of about 15 times the annual earnings of its underlying companies.

PACING STUDY (private equity)

An analysis of the likely timing and amount of the drawdown of committed but yet uninvested monies and the estimated distributions or returns from the funds held in an alternative investment portfolio, generally used to judge the future size of the portfolio and its potential liquidity needs, i.e., cash funding demands.

PAR (fixed income)

The initial principal amount designated by the issuer of the bond, or face value of a bond.

PASSIVE

For investments, generally not materially participating in an investment decision, meaning an investment portfolio whose returns follows that of a broad market index, such as an investable stock index, i.e. the S & P 500.

PASSIVE MANAGEMENT OR PASSIVE INVESTMENT (most often in public equities, but not exclusively)

An investment style where a fund's portfolio mirrors a market index, such as the S&P 500, with limited selection decisions by the manager, resulting in market returns. Passive management is the opposite of active management in which a fund's manager attempts to beat the market with various investment strategies and buy/sell decisions of a portfolio of securities to enhance returns.

PASSIVE WEIGHT (generally equities)

The percentage of a stock held in a particular index portfolio, or percentage of an overall asset class that is held in passive portfolios.

POLICY PORTFOLIO

A fixed-target asset allocation, as opposed to asset allocation ranges, which theoretically allows gauging whether deviations from the target portfolio had a positive or negative impact on overall performance.

PORTABLE ALPHA (public equities)

An investment strategy which involves the active selection of securities while neutralizing overall beta or market risk. This often involves the use of derivative investments such as futures to replicate the market return, either taking a short or long position, while then selecting securities which are expected to add return in an absolute sense or in addition to the market return. As an example, this strategy can be found with certain hedge funds where a market exposure is shorted while individual securities such as specific stocks are purchased that are expected to outperform the general market. The concept of portable applies when the ability to generate positive alpha can be overlaid or ported onto a portfolio. This is not a strategy employed by any of MBOI's existing managers.

PREMIUM (fixed income)

Most often the amount paid over the stated face amount (often called 'par') of a bond, but also used in other contexts, typically paying more (the premium) than a market price (as in a take-over bid for a company).

PRIVATE ANNUAL WAGE

The private annual wage is determined annually by the Montana Department of Labor & Industry using the average annual employment divided by the total wages.

PROXY (publicly traded companies)

An agent legally authorized to act on behalf of another party. Shareholders not attending a company's annual meeting may choose to vote their shares by proxy by allowing someone else to cast votes on their behalf, but the word 'proxy' is used more frequently colloquially as a 'close approximation.'

PRUDENT EXPERT, PRUDENT PERSON (a central fiduciary concept)

These legal terms have long histories of court-determined standards of care, deriving originally under English common law. The BOI is empowered to operate under the 'prudent expert rule,' which states that the Board shall manage a portfolio:

- a) with the care, skill, prudence, and diligence, under the circumstances then prevailing, that a prudent man acting in a like capacity and familiar with such matters would use in the conduct of an enterprise of a like character and with like aims;*
- b) diversify the holdings of each fund within the unified investment program to minimize the risk of loss and to maximize the rate of return unless, under the circumstances, it is clearly prudent not to do so; and*
- (c) discharge the duties solely in the interest of and for the benefit of the funds forming the unified investment program.*

At an 'expert' level; there is more room for accepting risk under the prudent expert rule than the prudent person rule.

REBALANCING (general investment term)

The process of realigning the weightings of the portfolio of assets. Rebalancing involves periodically buying or selling assets in the portfolio to maintain the original desired level of asset allocation and/or to stay within predetermined asset category range; it is part of a disciplined investment approach within modern portfolio theory.

REPURCHASE AGREEMENT

A contract in which the seller of securities, such as Treasury Bills, agrees to buy them back at a specified time and price. May also be called "Repo" or "Buyback." Typically used as a short-term form of collateralized borrowing by a bank or securities dealer.

RESOLUTION (government term)

Generally, a formal and written action by a governmental (or corporate) body that has long term significance and requiring a vote of the governing body. BOI uses 'resolutions' generally only for its most significant and long term actions and/or policies.

REVERSE REPURCHASE AGREEMENT

A purchase of securities with an agreement to resell them at a higher price at a specific future date. The investor essentially borrows money and allows its securities to be held as collateral. Reverse Repurchase Agreements occur most often in government securities or other securities that are highly valued and thus considered a good form of collateral.

SECURITIES LENDING (general investment)

Investments that are temporally borrowed by other investors for a fee; the BOI allows most of its publicly traded investments to be loaned for additional marginal income.

STANDARD DEVIATION (common statistical concept)

A specific statistic that measures the dispersion of returns from the mean over a specific time period to determine the "historical volatility" of returns for a stock, or portfolio, or asset class; more specifically a single unit (i.e., one standard deviation) of dispersion that accounts for approximately 66% of all data around a mean using a 'normal' (or 'uniform' or 'bell-shaped' curve; as opposed to a skewed or asymmetrical) distribution. The standard deviation is used as a gauge for the amount of expected future volatility.

SABHRS (accounting jargon)

Montana state government's State Accounting, Budgeting and Human Resource System; the State's central information management system. BOI investment and other financial data must tie and be reported on this system, which is the official book of record and includes the state's financial statements.

STYLE DRIFT (often in reference to public equity managers, but applicable to other managers, too)

As the name implies, a divergence from an investor's professed investment bias or style or objective.

TRANCHE

A division or portion of a pool or whole; specifically: an issue of bonds derived from a pooling of like obligations (such as securitized mortgage debt) that is differentiated from other issues especially by maturity or rate of return.

TRACKING ERROR (statistical concept in investments)

A measurement of the standard deviation of a portfolio's return versus the return of the benchmark it was attempting to outperform. The concept is often used when discussing investment managers. For example, some styles are expected to have high 'tracking errors,' (e.g., deep 'value' investors who buy companies that may be dogs for years), versus passive managers, whose stock volatility is expected to be very close to their benchmark. Tracking error can either be intentional or unintentional; it can also be regarded as an accepted deviation or contrary to the management agreement. High *unexpected* tracking error is generally a serious concern to be examined and understood.

UNDERWRITER (bond program)

In investments, the agent who buys investments to be resold to the public; at BOI, the investment firms that buy the Board's bonds to be resold to the public.

UNIFIED INVESTMENT PROGRAM (Montana Constitution)

The Program in the State's constitution requiring a central investment program which the legislature has assigned to the BOI.

VALUE (as to style when discussing public equities)

An investment style that focuses on buying established companies that investors believe are undervalued and trading at bargain prices to the fundamental analysis of the company's financial statements and internal competitive factors.

VENTURE CAPITAL (private equity)

A higher-risk/high-return type of investing in startup firms and small businesses with perceived long-term growth potential. Sometimes these are already existing business ventures with limited operating history that need additional management expertise and access to capital. (For start-ups, 'seed capital,' or 'angel investor' are terms differentiating this even higher risk type of investment.)

VOLATILITY (investment jargon)

A statistical measure of the dispersion of returns for a given security or market index. Volatility is typically measured by using the standard deviation of returns from the security or market index. Commonly, the higher the volatility, the riskier the security.

YIELD (general investment, but most often within fixed income)

The amount returned to the investor above the original investment generally expressed as a percentage. Yield can be thought of as the expected return from the combination of interest and price accrual or amortization to maturity (in the case of a bond trading at a discount or premium to par).

YIELD CURVE (fixed income)

A line that plots the prevailing interest rates at a given time for bonds ranging in maturity from as short as three months out to 30 years. When plotted across these various maturities (typically 2, 5, 7, 10 and 30 years), the resultant line is shaped like a curve with generally low interest rates (the yield) for shorter maturities and gradually higher interest rates for longer maturities, because generally investors demand higher interest rates for longer term investments. The yield curve for U.S. Treasury debt is the most common when referring to the prevailing level of interest rates.

MONTANA BOARD OF INVESTMENTS
ACRONYM INDEX

ACH.....	Automated Clearing House
ADV.....	Uniform Application for Investment Adviser Registration and Report by Exempt Reporting Advisor
AUM.....	Assets Under Management
ADR.....	American Depository Receipts
AOF	All Other Funds
ARC	Actuarially Required Contribution
BOI	Board of Investments
CAPP	Consolidated Asset Pension Pool
CFA	Chartered Financial Analyst
EM	Emerging Market
FOIA	Freedom of Information Act
FWP.....	Fish Wildlife and Parks
FX.....	Foreign Exchange
IPS.....	Investment Policy Statement
IRP.....	Intermediary Relending Program
LDI.....	Liability-Driven Investing
MBOH.....	Montana Board of Housing
MBOI	Montana Board of Investments
MDEP	Montana Domestic Equity Pool
MLP	Master Limited Partnership
MFFA.....	Montana Facility Finance Authority
MPEP	Montana Private Equity Pool
MPT	Modern Portfolio Theory
MSTA.....	Montana Science and Technology Alliance
MTIP	Montana International Pool

MTRP	Montana Real Estate Pool
MTSBA	Montana School Boards Association
MVO	Mean-Variance Optimization
NAV	Net Asset Value
PERS	Public Employees' Retirement System
PFL	Partnership Focus List
QZAB	Qualified Zone Academy Bonds
QSCB	Qualified School Construction Bonds
RFBP	Retirement Funds Bond Pool
RFP	Request for Proposal
SABHRS	Statewide Accounting Budgeting and Human Resource System
SLQT	Securities Lending Quality Trust
SOC1	Service Organization Controls 1 (Audit)
SSBCI	State Small Business Credit Initiative
STIP	Short Term Investment Pool
TFBP	Trust Funds Bond Pool
TFIP	Trust Funds Investment Pool
TIF	Tax Increment Financing
TIFD	Tax Increment Financing District
TRS	Teachers' Retirement System
TUCS	Trust Universe Comparison Service
UIP	Unified Investment Program
VIX	Volatility Index

ASSET CLASS ACRONYMS

DEPAC	Domestic Equity Pension Asset Class
IEPAC	International Equity Pension Asset Class
PEPAC	Private Equity Pension Asset Class
NRPAC	National Resources Pension Asset Class
REPAC	Real Estate Pension Asset Class
TIPAC	TIPS Pension Asset Class
BFPAC.....	Broad Fixed Income Pension Asset Class
USPAC	UST/AGY Pension Asset Class
IGPAC	Investment Grade Corp Pension Asset Class
MBPAC.....	MBS Pension Asset Class
HYPAC	High Yield Pension Asset Class
DSPAC	Diversified Strategies Pension Asset Class
CPAC.....	Cash Pension Asset Class

Montana Operation Manual

MOM-SFSD-POL-SAB-316-Expense Account Categories

Operating Expenses

Includes the costs of consumable commodities or services relating to the operating needs of the various functions of state government. It does not include the purchase of assets intended for long-continued use or possession.

A. Other Services (62100–62199)

Includes both professional and nonprofessional services such as audit fees, printing, insurance, and all other services that are not specifically required to be classified under another category. The services received may involve the receipt of either a product or a process. Includes all the service provider's costs incurred during the performance of the service if those costs are passed on to the State, such as travel expenses and supplies and materials. The services charged to this category may be performed by another state agency, another department/division within the receiving agency, or by the private sector.

B. Supplies and Materials (62200–62299)

Includes consumable commodities purchased for inventory or immediate consumption. Includes articles and commodities that are consumed or materially altered when used. The principal types of supplies include operating supplies, office supplies, and small tools.

C. Communications (62300–62399)

Includes the cost of communication, such as charges for telephone, facsimile, radio services, and advertisements. Postage, rental of post office boxes, messenger services, telephone installation, and the cost of outgoing freight charges are also included. Incoming freight charges are to be charged to the expense category to which the applicable goods are charged.

D. Travel (62400–62499)

Includes the cost of transportation (for state employees and appointed members of state boards, commissions, and councils) on public conveyances, such as airplanes, railroads, buses, and taxicabs. It also includes meals, lodging, per diem, and mileage allowances when privately owned vehicles are used for transportation or charges paid to the State Motor Pool. This category also includes non-employee travel not associated with the 621XX–Other services expense account category.

The cost of operating state-owned vehicles or the repair and maintenance of transportation vehicles are not included in this category (see expense account category 627XX–Repair & maintenance). It does not include vehicle and related expenses involved in routine patrol activities.

In order to comply with MCA 15-65-131, all in-state travel paid by the State, including reimbursements to contractors, should be coded to an In-State Lodging account (62408, 62428, 62438, and 62497). This will identify the expenditures as eligible for partial tax reimbursement, to be distributed by the Department of Revenue. State agencies are required to pay all taxes associated with lodging regardless of the source of an agency's funding. If lodging expenses are paid, and tax has not been assessed, such expenditures should be coded to an account other than an In-State Lodging account.

E. Rent (62500–62599)

Charges paid for the use of equipment, land, or buildings.

F. Utilities (62600–62699)

Charges paid for utility services such as the following:

1. Electric power, including standby services
2. Gases or fuels for heating, lighting, cooking, or laboratory use
3. Water or water services
4. Remove and/or treat sewage
5. Remove and/or dispose of garbage or trash

G. Repair & maintenance (62700–62799)

Includes all labor, materials and overhead, of maintaining state property, facilities, or equipment in working order (including the cost of repair and maintenance contracts). If an agency maintains its own repair and maintenance work force, labor charges will be classified under 61xxx - Personal services. The costs of any activity that results in substantial improvement or increase in the life of a capital asset should not be recorded in this category. These costs are properly treated as capital outlay.

H. Other expenses (62800–62899)

Includes expenditures not more specifically classified in other categories, including such items as the following:

1. Dues for membership in state, county and other organizations that State officials and employees are required to join;
2. Subscriptions to newspapers, magazines, and other periodicals, including continuous tax, rate, legal and other technical service subscriptions;
3. Taxes, assessments, etc. including filing fees, etc. on state-used or owned properties;
4. Registration fees for training conferences; and
5. Interest excluding debt services, interest on long-term debt should be recorded in 69XXX-Debt services.